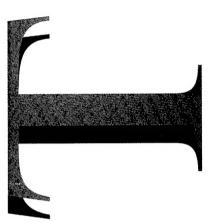


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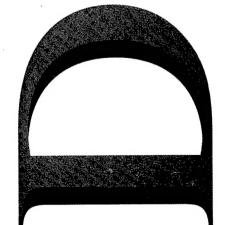


Performance Tests of the Original Transonic Wind Tunnel Compressor and Circuit

Yoel Y. Link and Howard A. Quick

DSTO-TN-0150

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Performance Tests of the Original Transonic Wind Tunnel Compressor and Circuit

Yoel Y. Link and Howard A. Quick

Air Operations Division Aeronautical and Maritime Research Laboratory

DSTO-TN-0150

ABSTRACT

A detailed test programme of the AMRL Transonic Wind Tunnel was conducted. The objective of the test programme was to determine the pressure distributions around the tunnel circuit with larger nozzle exit areas. The existing high speed contraction, test section, model support mechanism, and downstream diffuser were removed for the tests. A variable nozzle and collector were designed and installed in place of the removed components to determine the effects of increasing the nozzle exit area. Three nozzle configurations were investigated, with a 38.3%, 44.4% and 58.1% increase in area relative to the existing test section area. Measurements were made of static pressure around the tunnel circuit, total pressure upstream and downstream from the compressor, and temperatures at various locations. Noise measurements were also made outside the tunnel complex and at four locations around the boundary of the site to determine the noise level of the wind tunnel.

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Performance Tests of the Original Transonic Wind Tunnel Compressor and Circuit

Executive Summary

DSTO's transonic wind tunnel test capability, and its potential for improvement, has been the subject of considerable investigation over the last decade. These investigations have focused on meeting future wind tunnel test requirements for the Australian Defence Force. The outcome has been to select the Transonic Wind Tunnel located at AMRL Melbourne for a facility upgrade. Approval for this decision was given during 1994 and DSTO awarded a Design and Construct Contract in 1995.

The Transonic Wind Tunnel upgrade proposal defined a requirement to increase the Transonic Wind Tunnel test section area (cross section) by approximately 50% relative to the existing test section, and to operate at Mach numbers from 0.3 to 1.4, continuously variable. Increasing the test section size will allow larger models to be tested at a higher Reynolds number, which improves the accuracy of the test data acquired.

The upgrade proposal identified that an assessment of the potential to use existing wind-tunnel components from the current facility be conducted. The major components to be assessed included the compressor and heat exchanger, and a programme to test these components was specified.

The test programme covered a six month period, and was completed in June 1994. The objectives were to determine the tunnel circuit losses, maximum capacity of the heat exchanger, feasibility of retaining the existing compressor, and noise levels associated with operation of the present Transonic Wind Tunnel.

The high speed contraction, test section, model support mechanism, and downstream diffuser were removed for the tests. A variable nozzle and collector were designed and installed in place of the removed components to determine the effects of increasing the nozzle exit area. Three nozzle configurations were investigated, with an increase in the cross sectional area of the test section of 38.3%, 44.4% and 58.1% relative to the existing test section area. Measurements were made of static pressure around the tunnel circuit, total pressure upstream and downstream from the compressor, and temperatures at various locations including cooling water to the heat exchanger. Noise levels were also measured outside the tunnel near surrounding buildings and at the boundary of the site.

This report provides detailed performance data of the original Transonic Wind Tunnel which was acquired during this test programme. It is a comprehensive summary of the information provided to tenderers for use in compiling their submissions for potential upgrade options.

Authors

Yoel Y. Link Air Operations Division



Yoel completed his Bachelor of Science in 1987 and his Bachelor of Engineering in Aeronautical Engineering in 1989, both at Sydney University, and joined the Aeronautical Research Laboratory at Melbourne the following year. He completed a Master of Business Administration in Technology Management in 1995 at Monash University. He has predominantly worked in Flight Mechanics and experimental aerodynamics in the Wind Tunnels. During this period he has accumulated experience in aerodynamics with the Jindivik, Tonic, PC-9, Mk82 store, Amphibious Transport (LPA) ship, and the Hydrographic Ship wind tunnel test programmes. He has also been responsible for the development of the wind tunnel data acquisition systems, and he has been involved with the Transonic Wind Tunnel Upgrade project.

Howard A. Quick Air Operations Division



Howard completed a Bachelor of Engineering in Aeronautical Engineering at RMIT in 1988 and joined the Aeronautical Research Laboratory the following year. He has acquired experience in a number of areas including Computational Fluid Dynamics and aircraft performance while working in the Flight Mechanics Technology field, and has specialised in the area of experimental aerodynamics of RAAF aircraft and stores. In addition to this test programme in the transonic wind tunnel, two of the major wind tunnel test programmes that he has been involved with are the F/A-18 (IFOSTP), and the Mk-82 store.

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Notation

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AMRL	-	Aeronautical and Maritime Research Laboratory		
Atm	_	atmosphere		
H	-	Tunnel total pressure		
INCR	-	Incremental tests		
kPa	-	kilopascals		
1/s	-	litres per second		
M	-	Mach number		
MAX1	_	Maximum compressor speed test during the day		
MAX2	_	Maximum compressor speed test at night		
m	-	metre		
mm	_	millimetres		
N1	_	Nozzle 1		
N2	-	Nozzle 2		
N3	-	Nozzle 3		
P	_	Plenum chamber static pressure		
psi	_	pounds per square inch		
psia	_	pounds per square inch absolute		
psid	_	pounds per square inch differential		
RPM	_	revolutions per minute		
d	_	inner diameter of the cooling water pipe		
$h_{_{w}}$	_	differential pressure measured in inches of water gauge		
q	-	flow rate		
C_p	-	pressure coefficient		
G_f	_	flowing specific gravity of liquid		
ĸ	_	flow coefficient factor		
$N_{\nu G}$	_	N factor for flowing volume with specific gravity		
- · vG		determination		
		acteria materia		

1. Introduction

Over the last decade attempts have been made to improve the transonic wind tunnel testing capability at the Aeronautical and Maritime Research Laboratory (AMRL). Initially, effort was directed at acquiring a new continuous flow tunnel with a 1.5 m square test section that would operate at Mach numbers from 0.3 to 1.6 and at pressures up to 3 atmosphere. Primarily due to Defence facilities budget constraints insufficient funds were available for this tunnel, so it was decided to upgrade the transonic wind tunnel (TWT) located at AMRL, Melbourne. The upgrade requirements are: to increase the test section area by at least 50% relative to the current test section area; to operate at Mach numbers of 0.3 to 1.4 continuously variable; and to operate at a pressure of 2 atmosphere (Reference 1).

The objectives of the tests described in this report were to determine:

- the tunnel circuit losses to provide a basis for increasing the maximum test section size that could be achieved using the existing compressor;
- the heat exchanger cooling water inlet and outlet temperatures and flow rate to assist with estimating the maximum capability of the existing heat exchanger;
- the feasibility of retaining the existing compressor by modifying the stator blade angles; and
- the noise levels emanating from the transonic wind tunnel when operating.

The tests required major modifications to the tunnel circuit inside the plenum and changing the angle of the stator blades in the compressor. The tunnel circuit, from the bolted joint in the contraction (Figure 1 – Station 2286) to the downstream end of the sliding diffuser (Figure 1 – Station 9828), was removed and replaced by a variable area nozzle and a collector. Measurements were taken of static pressure at various locations around the tunnel circuit, total pressure upstream and downstream of the compressor, and temperatures at various locations. The locations at which these measurements were made are shown in Figure 2. The preparation and testing was performed from December 1993 to June 1994.

2. Equipment Description

2.1 Nozzle

The nozzle consisted of a steel outer shell, with a range of timber inserts mounted on each surface to achieve the different nozzle exit areas. A schematic representation of the nozzle and collector in the plenum chamber is shown in Figure 2. The nozzle inserts were designed to continue the smooth surface curvature of the existing low-speed contraction (Figure 1 – Station 0 to Station 2286). This nozzle was designed and manufactured at AMRL.

The existing transonic wind tunnel test section dimensions are $810 \text{ mm} \times 532 \text{ mm}$, and the test section area is 0.43092 m^2 . In order to establish a reasonable definition of the compressor operating lines, three nozzle exit areas ranging from 0.6 m^2 to 0.7 m^2 were identified. Three nominal test section area increases (from the existing test section area) of 40%, 45% and 60% were decided upon. After design constraints, such as the

need to retain the contraction's smooth curvature without introducing any discontinuity, and to keep the design simple and inexpensive, three nozzle exit areas, as shown in Table 1, were designed and manufactured.

Table 1. Nozzle Exit Areas

Nozzle	Dimensions (mm)	Nozzle Area (m²)	Increase in area from original test section
N1	946 H x 631 W	0.5969	38.5%
N2	946 H x 657 W	0.6215	44.2%
N3	946 H x 720 W	0.6811	58.1%

Figures 3 and 4 show the four temperature probes and the total pressure probe mounted in the nozzle. The temperature probes were located 440 mm upstream of the nozzle exit, while the total pressure tube had its face aligned with the nozzle exit. The temperature probes were located 200 mm from the nozzle wall, while the total pressure tube had its face 110 mm below the upper insert's surface.

2.2 Collector

The collector, shown in Figure 2, was designed at AMRL and manufactured at Shearform Industries Pty Ltd. The collector was installed in place of the existing test section and diffuser and provided the interface between the rectangular exit of the nozzle and the round section of the existing diffuser at the sliding joint. The constant diameter tube and flared conical opening was used to avoid pulsations in the flow and to minimise losses in the air mass flow around the tunnel circuit.

Figure 2 gives the pertinent dimensions of the collector and nozzle as installed for the test programme. The collector has a constant internal diameter of 998 mm. The opening is flared at 30 degrees to form a conical end with a major diameter of 1350 mm. Figures 5 and 6 show the collector mounted in the plenum chamber prior to testing.

2.3 Heat Exchanger Temperature Probes and Support Frame

Four temperature probes were used to measure the temperature in front of the heat exchanger and these were mounted in a square shaped support frame $(1 \text{ m} \times 1 \text{ m})$ with the probes fixed at the corners of the frame as shown in Figure 7. This support frame was mounted upstream of the heat exchanger on the central fairing using existing attachment points, as shown in Figure 8, with the lower two temperature probes located 1.5 m above the floor of the chamber. The temperature probes were located 350 mm upstream of the heat exchanger face.

2.4 Temperature Probes

Temperature measurements were taken at fourteen locations as shown in Figure 2 and consisted of:

1. freestream air temperature at four locations upstream of the heat exchanger and four locations at the bolted joint in the contraction (Figure 1 – Station 2286). These

eight temperatures were measured using temperature probes, shown in Figure 9, containing ALPHA/THERM type M-KN 3045 platinum resistance temperature detectors;

- the inner surface skin temperature of the plenum chamber measured at two locations at Station 5714 (Figure 2), using ALPHA/THERM type M-FK 220 thin film platinum resistance elements as shown in Figure 10;
- 3. the outer surface skin temperature at two locations just downstream of the compressor using ALPHA/THERM type M-FK 220 thin film platinum resistance elements; and
- 4. the temperature of the cooling water in the inlet and outlet heat exchanger pipes, using thermowells containing ALPHA/THERM type M-KN 3045 platinum resistance temperature detectors, as shown in Figure 11.

The temperatures were measured in series using the rotary selector and readout shown in figure 12.

2.5 RPM Sensor

The compressor rotational speed was measured using a Rechner IAS-10-A13-S inductive proximity sensor as shown in Figure 13, and a Kyodo Denki AP-05E digital tachometer. The sensor was located beside the compressor cardan shaft coupling and measured twelve bolt heads per revolution.

2.6 Psychrometer

The wet and dry bulb temperatures were measured using a psychrometer. The measurements were obtained outside the front entrance of the transonic wind tunnel building.

2.7 Annubar and Digital Pressure Meter

The water flow rate was measured using a Dieterich Standard, Diamond 2 Annubar Flow Sensor, in conjunction with a Moore Mycro XTC Differential Pressure Transducer to display pressure difference across the annubar shown in Figure 14. The pressures were recorded at each test condition and the flow rate calculated using a standard formula for this system.

The formula used to calculate the flow rate is given in Reference 2 and is:

$$q = N_{vG} K d^2 \sqrt{\frac{h_w}{G_f}}$$

where:

q is the flow rate in units determined by the N factor;

 N_{vG} is the N factor for flowing volume with specific gravity determination, and is equal to 5.6665 for q in U.S. gallons per minute, and 0.3575 for q in litres per second (Reference 2, p. 9-37);

K is the flow coefficient factor and is equal to 0.6337 for this annubar;

d is the inner diameter of the pipe in inches and is equal to 6.065 in;

 h_{ω} is the differential pressure measured in inches of water gauge¹; and

 G_f is the flowing specific gravity of cooling water, and is approximately equal to 1.0 at the test conditions (Reference 2, p. E-10).

2.8 Total Pressure Rakes and Total Pressure Probe

Two total pressure rakes were used to measure pressures just upstream and downstream of the compressor as shown in Figure 15. Total pressure rake #1 (Figure 16) was installed approximately 280 mm upstream from the compressor's inlet guide vanes. Total pressure rake #2 (Figure 17) was installed approximately 180 mm behind the compressor's outlet guide vanes.

The total pressure rakes were manufactured from tubing with an outer diameter of 2.0 mm and internal diameter of 1.5 mm. The length from the stiffener to the tube face was 47 mm. Figures 16 and 17 give details of the radial positions of the tubes between the tunnel's outer shell and compressor's internal fairing.

2.9 Tunnel Static Pressures

Static pressure holes were located around the tunnel circuit at the positions shown in Figure 2. At each position a 2.5 mm hole was drilled through the tunnel shell and then an 11.1 mm diameter hole drilled to within 2 mm of the shell inner surface. The 11.1 mm hole was then tapped to fit a Swagelok SS-400-2-4ST elbow fitting as shown in Figure 18. All holes were deburred on the inner surface. Nylon pressure tubing (outer diameter 6.4 mm) was connected between the Swagelok fittings and a PSI pressure scanning system.

2.10 Pressure Measurement System

All pressures were measured and recorded using a PSI 8400 electronic pressure measurement and data acquisition system. Two pressure scanners with a range of ±5 psid were used to measure the pressures. The static pressure in the tunnel plenum chamber was used as the reference pressure for the differential transducers, and it was measured using a 23 psia digiquartz pressure transducer.

The software controlling the data acquisition allows the user to specify the sampling parameters. The time between each data frame was set to $65000\,\mu s$. The number of frames was set to 50, and the procedure was repeated 3 times with a 5 second delay between each sampling period. This resulted in 3 sets of pressure data for each data point. The tabulated pressure results are the mean of the 3 sets of data.

2.11 Blade Stagger Angle Setting Tool

The stagger angle of each of the compressor's stator blades was to be reduced by 10° using the tool shown in Figure 19. The following procedure was performed on the inlet guide vanes, and on the 1st, 2nd, and 3rd rows of stator vanes, to alter the blade stagger angle on each of the total of 176 vanes:

¹ The differential pressure transducer measurement units in the tests were kiloPascals, therefore, the reading must be converted, by dividing by 0.2491, to give a differential pressure in inches of water gauge.

- each stator half ring was removed from the compressor casing and placed horizontally on a workbench;
- using the horizontal surface of the half ring the tool was positioned so that the circular arc section of the tool was aligned with the circular stem of the blade;
- 3. three positions, indicating the current blade angle, current angle plus 10°, and current angle minus 10°, were scribed on the inner surface;
- 4. the two bolts holding the blade in position were loosened, the blade was rotated to the new angular setting (current minus 10°), and the two bolts tightened.

The change in the stator blade angle caused the leading edge of the blade to protrude beyond the edge of the inner ring (Figures 20a and 20b). Unfortunately, the protruding blades had the potential to interfere with the rotor blades and cause major damage to the compressor if it had been operated in this configuration.

After further consideration of the test requirements, it was decided that the baseline data would have to be sufficient and that there was little benefit in testing with a blade stagger angle reduction of less than 10°. Reduced angle settings (less than 10°) were considered but it was estimated that this would not provide the increased performance needed and consequently the tests with reduced blade stagger angles were not pursued.

2.12 Sound Level Measurement

A Brüel and Kjær Type 2225 integrating sound level meter was used to measure the sound levels at locations within close proximity to the wind tunnel complex and at the perimeter of the site.

3. Test Programme Procedure

The compressor tests were to be carried out in two phases. The first series of tests, the baseline tests, were carried out without making any modifications to the compressor, and the second series were to be carried out with the required modifications to the compressor stator blade stagger angles. Based on data requirements, three specific tests were identified for each of the three nozzles, one test acquiring data over a compressor speed range with 20 RPM increments, a maximum compressor speed test during normal tunnel running hours, and a maximum compressor speed test at night. In both maximum speed tests data was acquired at 5 minute intervals for up to a maximum of 3 hours. The test programme carried out is contained in Table 2. All the tests were made at a tunnel starting pressure of approximately 0.5 Atm.

Table 2. Transonic wind tunnel compressor test programme

Test Case	20 RPM increments (INCR)		Max RP (MAX1		Max RPM at (MAX2	Ü
Nozzle Area Increase	Baseline	Blade mods.	Baseline	Blade mods.	Baseline	Blade mods.
38.5% (N1)	9/5/94 AM	n/a	10/5/94 AM	n/a	10/5/94 PM	n/a
44.2% (N2)	11/5/94 PM	n/a	12/5/94 AM	n/a	12/5/94 PM	n/a
58.1% (N3)	13/5/94 PM	n/a	17/5/94 AM	n/a	16/5/94 PM	n/a

3.1 Baseline Tests

For the 20 RPM incremental tests (INCR) the compressor was operated from 400 to 1160 RPM (maximum operating RPM = 1200). Operation at 1160 RPM was limited to less than 2 minutes to avoid thermal overload of the electric motor control unit.

For the maximum continuous RPM tests (MAX1 and MAX2), which were carried out over 3 hours, the compressor speed was limited to 1100 RPM. However, the maximum continuous RPM tests for Nozzle 3 (58.1% increase in test section area) could only be carried out over a period of 2.5 hours due to overheating in the electric motor control unit.

3.2 Sound Level Tests

Sound level measurements were acquired within close proximity to the wind tunnel complex and around the AMRL site at four locations as shown in Figure 21. Measurements were only recorded during the tests on Nozzle 1, as it was shown by a limited sample of measurements that the sound levels did not vary considerably with the different nozzle areas.

4. Results

Appendix A contains the tabulated results for the baseline tests. The temperature data for all the tests is included and the nomenclature used is given in Table 3. The complete pressure data for the incremental tests is also included, and pressure coefficients over each entire run are calculated for the maximum continuous RPM test cases. The format of the pressure data is given in Table 4. The mean pressure data in Appendix A is presented as both differential and absolute pressure values. The pressure data is presented graphically in Figures 22–26, and the temperature data is presented in Figures 27–30.

Analysis of the pressure data presented in Figures 22-26 should take into consideration the characteristics of this wind tunnel, particularly that there is no controller to hold the tunnel pressure constant over the test duration. This is evident by the increase in static pressure of approximately 1 psi (at 0 RPM) from the start of the test to the end of the test.

Table 3. Description of temperature data format

Notation	Description		
Time	Time of data acquisition		
RPM	Compressor speed		
H (kPa)	Tunnel total pressure, in kilopascals, which is taken to be the static pressure in the settling chamber		
P (kPa)	Plenum chamber static pressure in kilopascals, measured by 23 psia digiquartz		
M	Mach number calculated from P and H		
T1 - T4	Temperatures (°C) in nozzle		
T5 - T8	Temperatures (°C) in front of heat exchanger		
T9 - T10	Temperatures (°C) on inner surface of plenum chamber skin at Station 5714 (Figure 1)		
T11 - T12	Temperatures (°C) on the tunnel outer skin 1125 mm downstream from compressor		
T13	Temperature (°C) of heat exchanger outlet cooling water		
T14	Temperature (°C) of heat exchanger inlet cooling water		
Twet (°F)	Wet bulb temperature in degrees Fahrenheit		
Tdry (°F)	Dry bulb temperature in degrees Fahrenheit		
q (1/s)	Heat exchanger cooling water inlet flow rate in litres per second		

Table 4. Description of pressure data format

Transducer	sc-01 (Scanner 1)	sc-02 (Scanner 2)	
1	Static pressure in plenum chamber	Static pressure in plenum chamber	
2	Reference check pressure	Reference check pressure	
3	Compressor Rake 1 Tube 1 (R1T1)	Static pressure before first corner (B1)	
4	Compressor Rake 1 Tube 2 (R1T2)	Static pressure after first corner (A1)	
5	Compressor Rake 1 Tube 3 (R1T3)	Static pressure before second corner (B2)	
6	Compressor Rake 1 Tube 4 (R1T4)	Static pressure before third corner (B3)	
7	Compressor Rake 1 Tube 5 (R1T5)	Static pressure after third corner (A3)	
8	Compressor Rake 2 Tube 1 (R2T1)	Static pressure after fourth corner (A4)	
9	Compressor Rake 2 Tube 2 (R2T2)	Static pressure in settling chamber (SC)	
10	Compressor Rake 2 Tube 3 (R2T3)	Static pressure in plenum chamber (PC)	
11	Compressor Rake 2 Tube 4 (R2T4)	Total pressure at nozzle exit (TOT)	
12	Compressor Rake 2 Tube 5 (R2T5)		

4.1 Tunnel Circuit Pressure

The effect of the different nozzle exit areas on the pressures around the tunnel circuit is presented using pressure coefficients. The pressure coefficients were calculated using the following formula:

$$C_p = \frac{\text{P(location)} - \text{P(ref)}}{\text{q(ref)}}$$

where:

P(location) = pressure reading at tunnel circuit location

P(ref) = static pressure in plenum chamber

q(ref) = dynamic pressure in the nozzle

The pressure coefficients were calculated for each tunnel circuit location and are plotted in Figures 25 and 26. The pressure coefficients presented are averaged "mean" values. The standard deviations associated with these averages indicate little variation across the data points sampled.

4.2 Tunnel Circuit Air Temperature

The temperature plots given in Figures 27–30, are an average of the data taken at each of the locations, for example, the temperature in front of the heat exchanger is calculated from an average of T1, T2, T3 and T4. Obviously, at those locations where only one measuring device was located, in the inlet and outlet cooling water pipes, the data cannot be averaged. The data is plotted for all the maximum continuous RPM tests as the objective of acquiring the temperature data was to determine the temperature variation with time at the maximum compressor speed. A plot of the variation of temperature with RPM (an incremental test) is given for Nozzle 1 in Figure 30. Similar trends occurred for the other nozzles but they are not shown graphically.

At the completion of the Nozzle 2 – Incremental tests the temperature data was analysed and one of the heat exchanger temperature probes (T1) was found to be in error over the RPM range 0–680. Therefore, in analysing the data from Appendix A.5, T1 was not used in calculating the mean temperature in front of the heat exchanger over the RPM range 0 – 680.

4.3 Cooling Water Temperature and Flow Rate

During two of the maximum RPM tests a malfunction of the cooling tower water shut off valve occurred causing partial closure of the valve. This was immediately recognised by the decrease in the water flow rate from 58.0 l/s to 40.9 l/s in the case of Nozzle 2 – MAX1, and from 58.3 l/s to 41.5 l/s in the case of Nozzle 3 – MAX1. This occurrence is clearly shown by the sharp increase (approximately 1°C – 1.5°C) in the temperatures at the heat exchanger, nozzle and cooling water outlet in the corresponding graphs in Figures 28 and 29 at the elapsed times of 2 hours 45 minutes and 1 hour 30 minutes respectively. The valve was manually returned to the fully open position and the flow rate returned to its regular level.

The water flow rate was measured using a differential pressure transducer in conjunction with an annubar as described in section 2.7. The readout of the differential pressure transducer during the tests varied between 11.0 kPa and 13.0 kPa, corresponding to $55.3 \, l/s$ and $60.0 \, l/s$ respectively. The flow rate value in the tabulated data is an average of the high and low values observed at each test point.

4.4 Measurement Accuracy

The PSI 8400 pressure measurement system has an accuracy of 0.5% of the full-scale value of the transducers. In this test ± 5 psid transducers were used and the error in the pressure data is therefore ± 0.025 psi.

The temperature equipment was calibrated over the range of temperatures required and found to be accurate to within ±0.6°C.

4.5 Sound Levels

The results of the sound level measurements are contained in Appendix A.6.

5. Conclusion

This report describes the transonic wind tunnel tests performed in support of the AMRL transonic wind tunnel upgrade project. A full description of the equipment used, the location of all equipment, and a compilation of all the test results is presented.

The data acquired from these tests will be used, by the tenderers for the Transonic Wind Tunnel Upgrade project, in determining the different option packages put forward that will provide a range of increases in the wind-tunnel performance.

6. Acknowledgement

The authors would like to thank I. Amott, D. Carnell, J. Clayton, A. Gonzalez, S. Lam, P. Malone, and N. Matheson for their assistance in the preparation and testing of the transonic wind tunnel.

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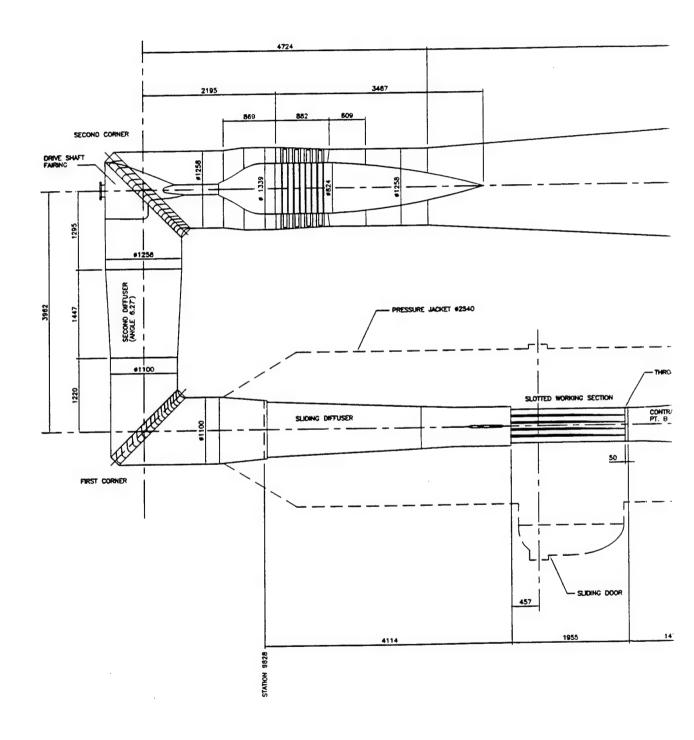




FIGURE 1. SCHEMATIC DIAGRAM OF

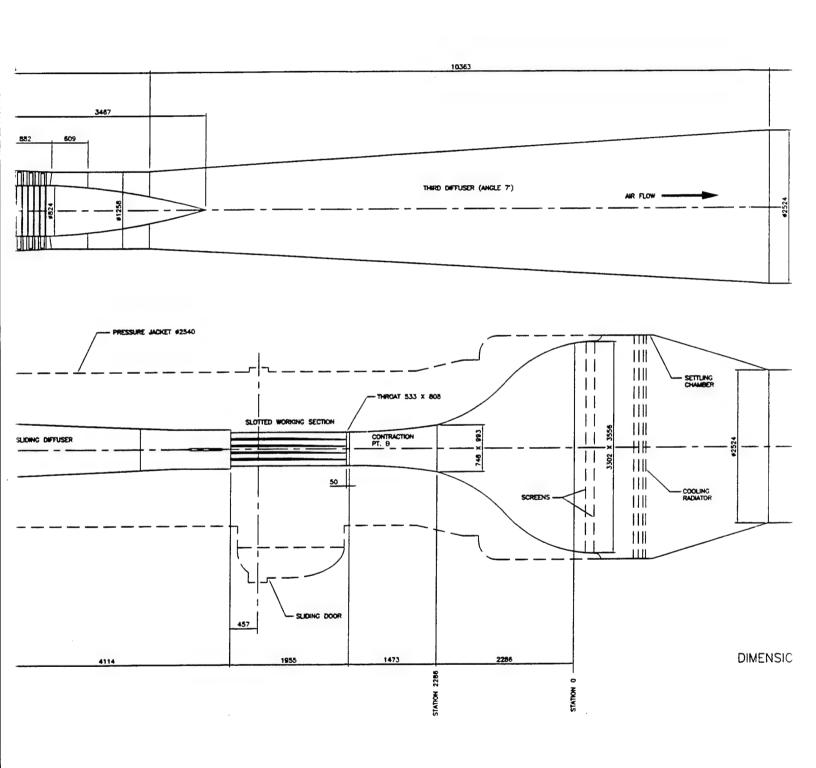
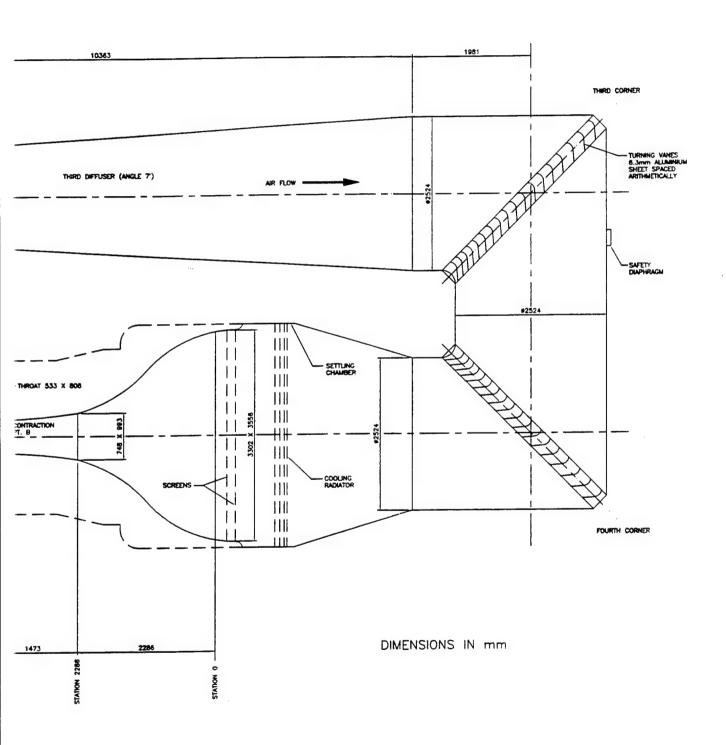


FIGURE 1. SCHEMATIC DIAGRAM OF ORIGINAL TRANSONIC WIND TUNNEL



OF ORIGINAL TRANSONIC WIND TUNNEL

3

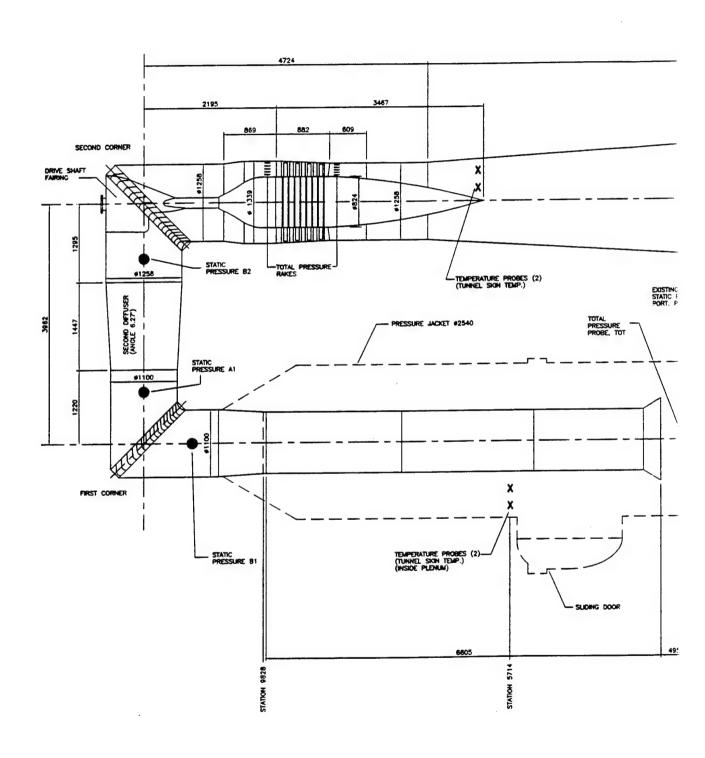


FIGURE 2. SCHEMATIC DIAGRAM OF TRANSC

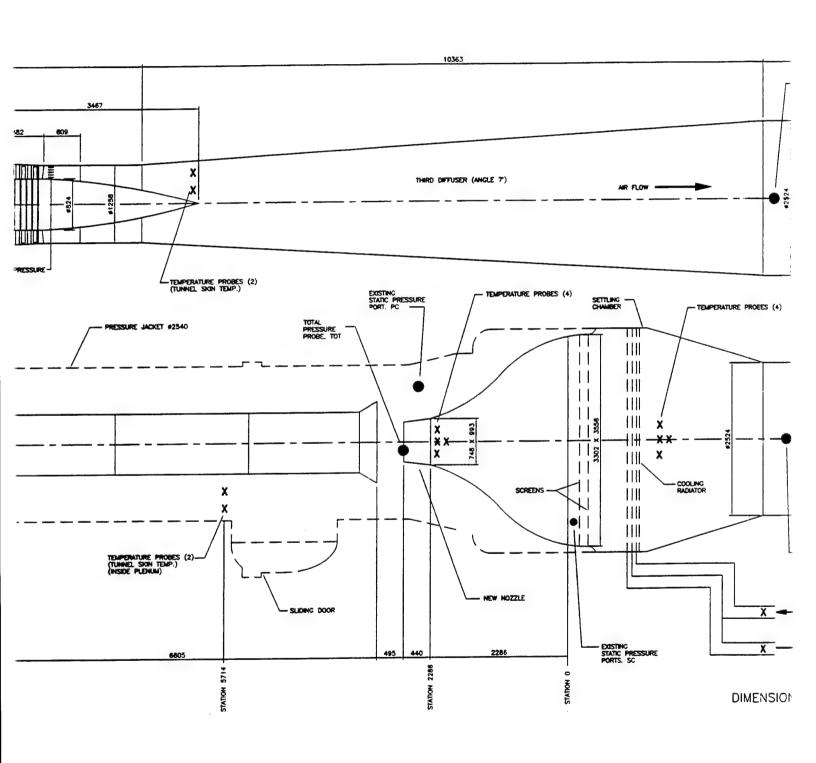
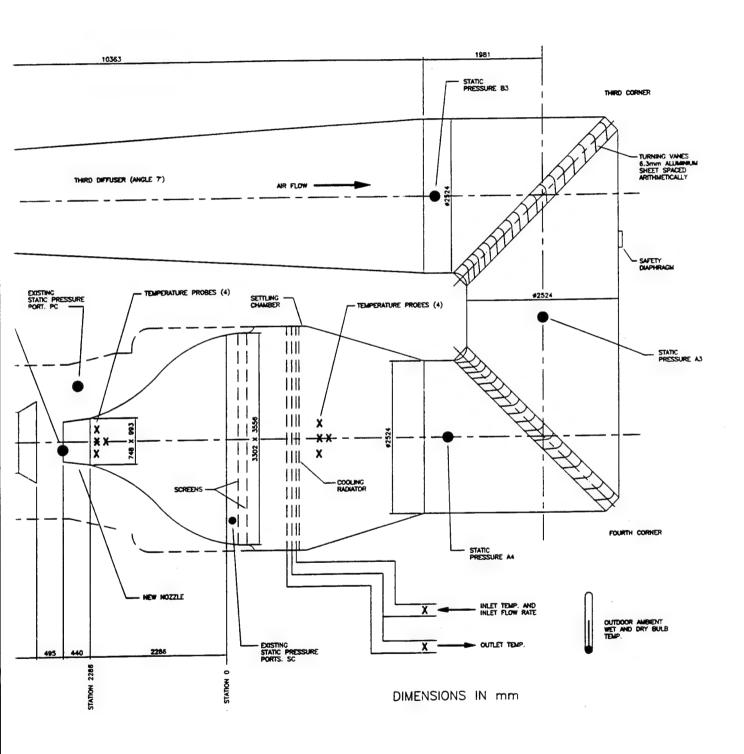


FIGURE 2. SCHEMATIC DIAGRAM OF TRANSONIC WIND TUNNEL AND EQUIPMENT LOCATION



RANSONIC WIND TUNNEL AND EQUIPMENT LOCATION

3

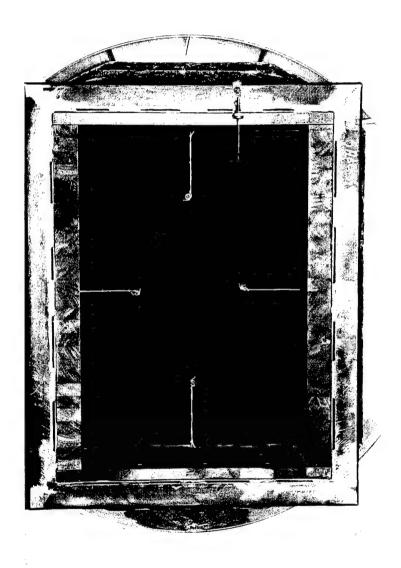


Figure 3. Nozzle exit looking upstream showing mounting of inserts, temperature probes, and total pressure probe

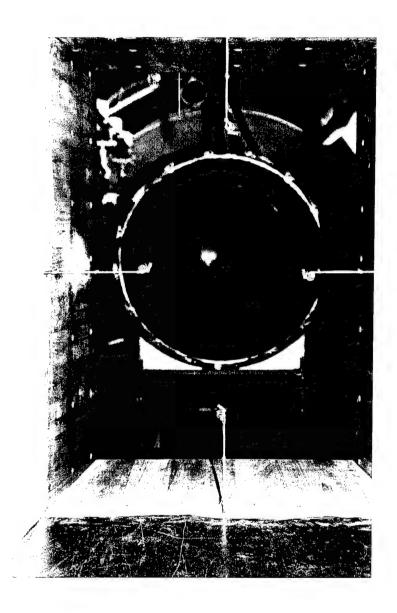


Figure 4. Nozzle and temperature probes looking downstream from inside the contraction towards the collector

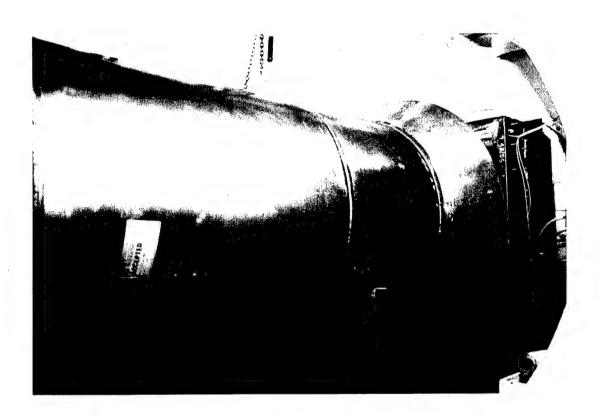


Figure 5. Collector installed in plenum chamber looking upstream

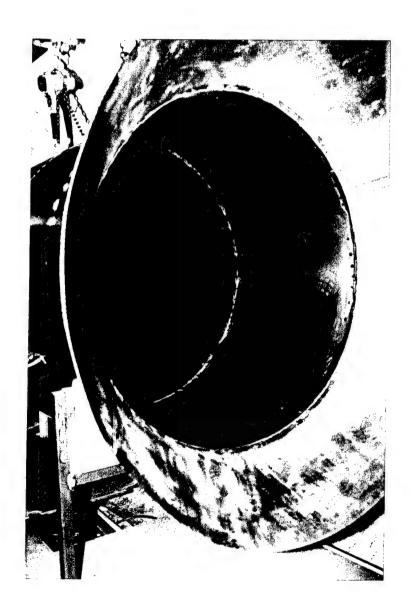
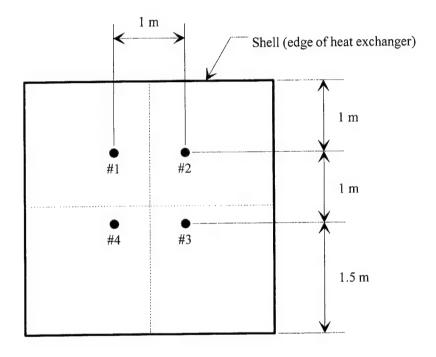


Figure 6. Collector conical opening looking downstream



Tips of Probes are located 350 mm forward of heat exchanger face. (see figure 2)

Figure 7. Location of temperature probes in front of heat exchanger

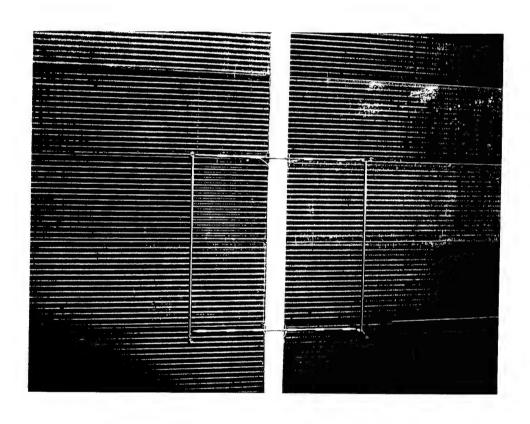


Figure 8. Heat exchanger temperature probes on support frame as installed

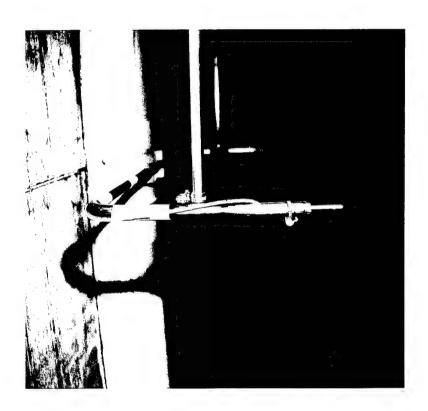


Figure 9. Air temperature probe



Figure 10. Surface mounted temperature probe in the plenum chamber

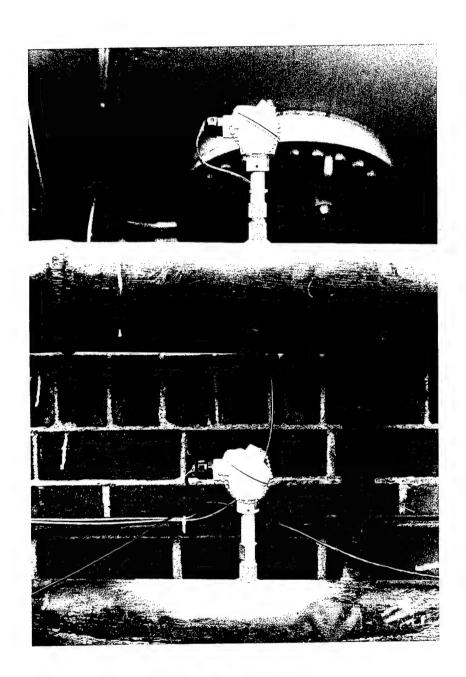


Figure 11. Thermowells in cooling water inlet and outlet pipes

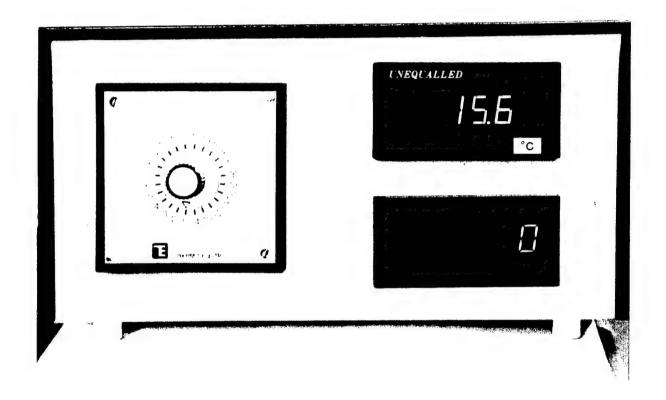


Figure 12. Temperature and RPM indicator equipment

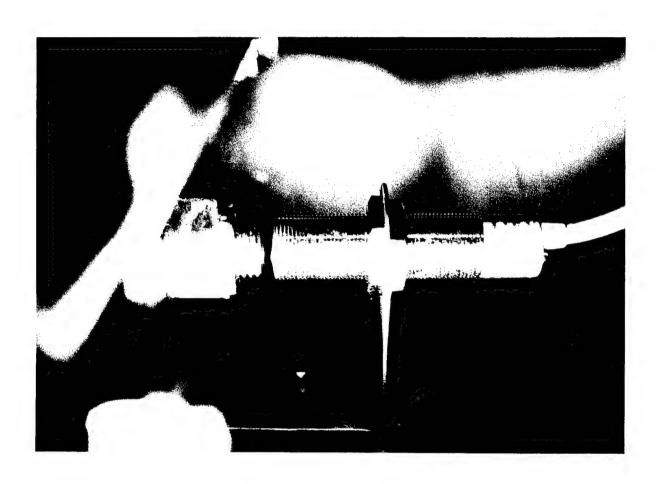


Figure 13. Inductive sensor shown opposite a compressor drive cardan shaft bolt

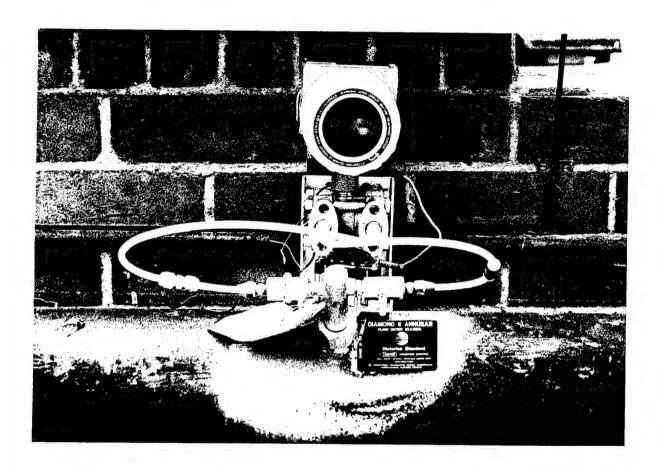


Figure 14. Differential pressure transducer and annubar

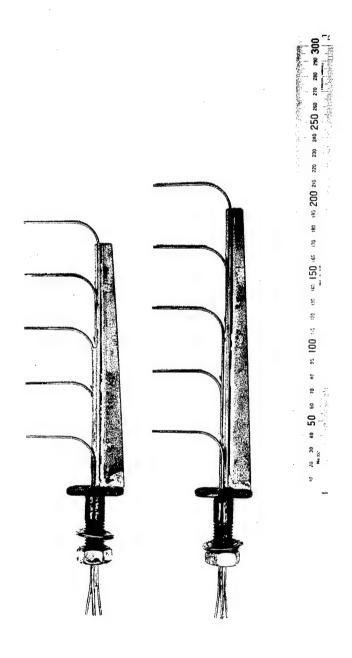


Figure 15. Compressor total pressure rakes

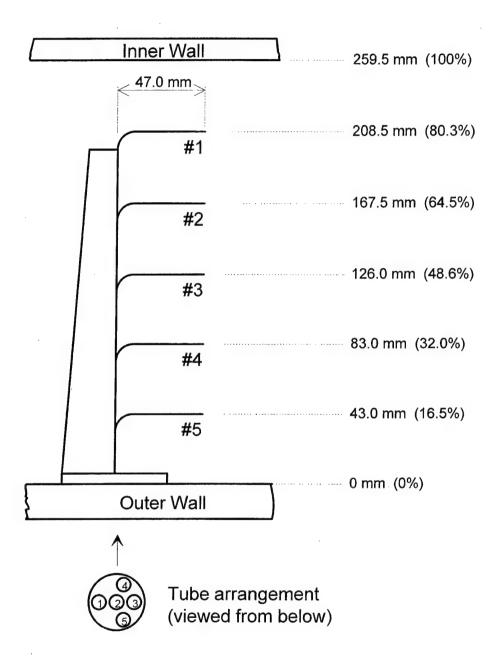


Figure 16. Total pressure rake #1 – Upstream of compressor

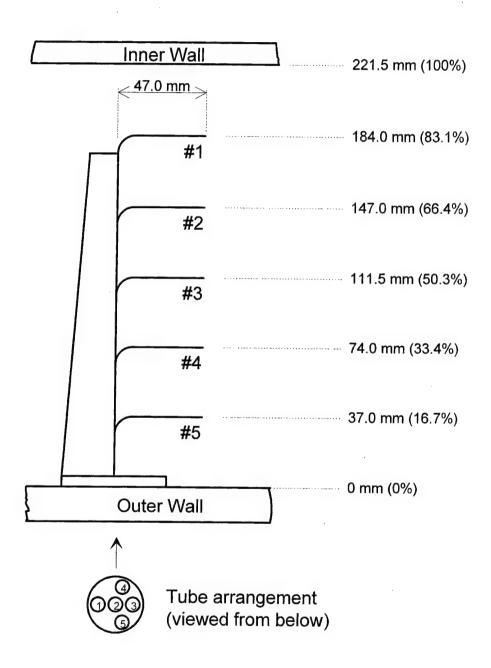


Figure 17. Total pressure rake #2 - Downstream of compressor

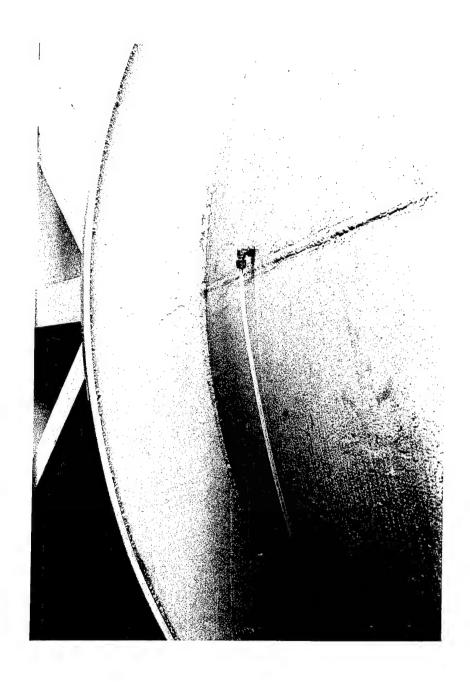


Figure 18. Static pressure hole fitting

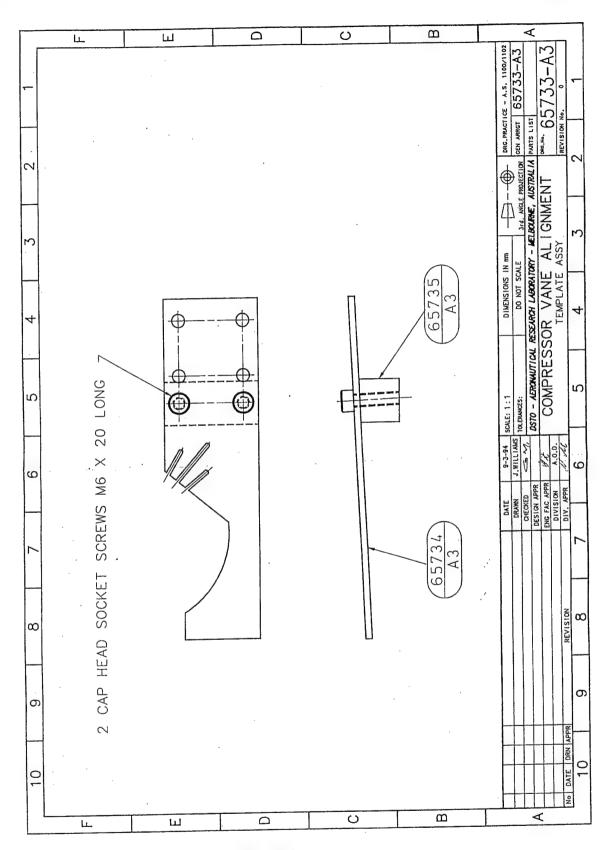


Figure 19. Blade stagger angle setting tool

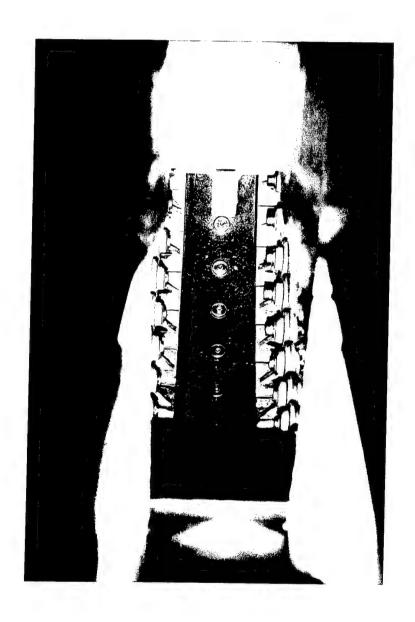


Figure 20a. Stator blade leading edge protrusion

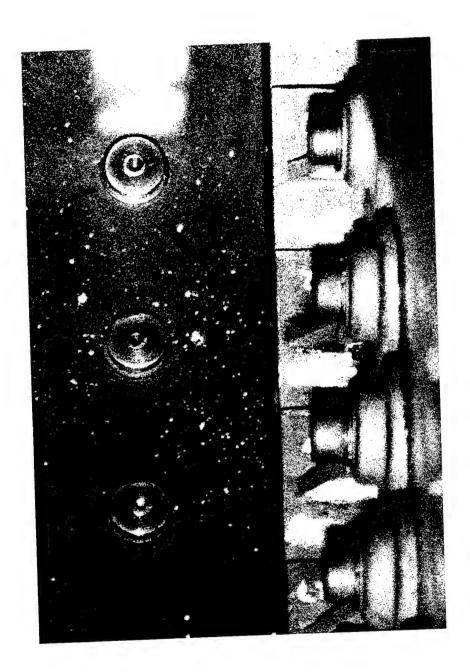
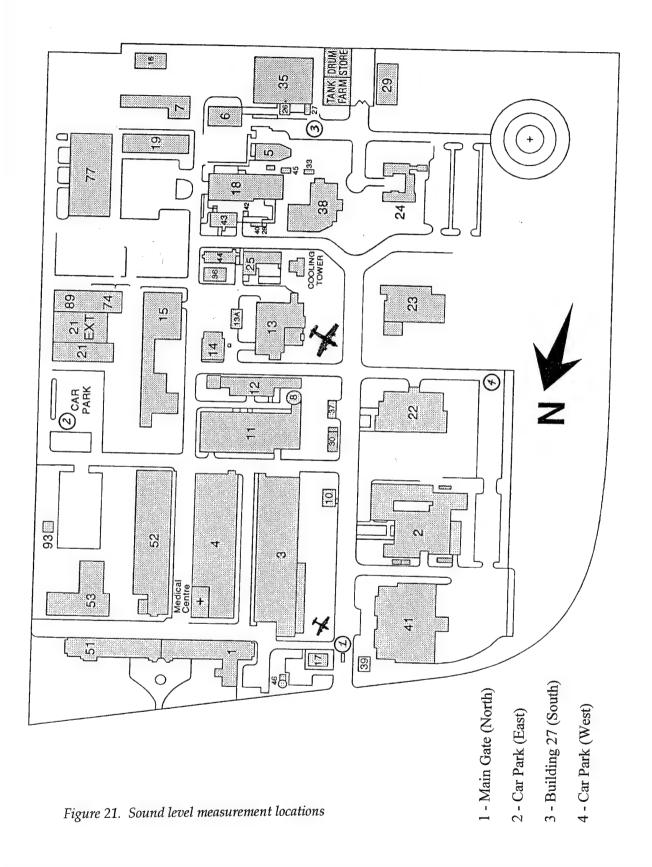
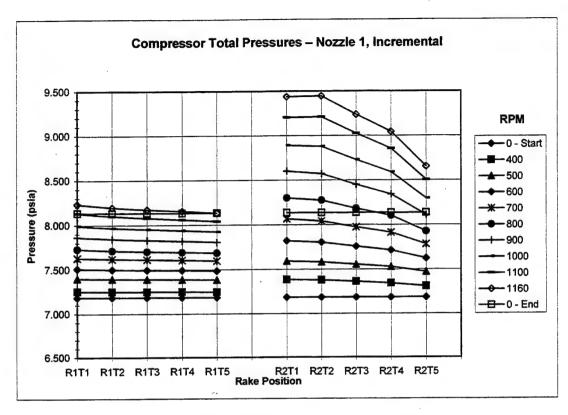


Figure 20b. Stator blade leading edge protrusion





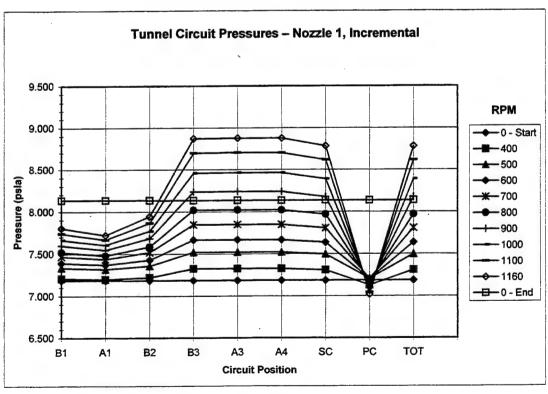
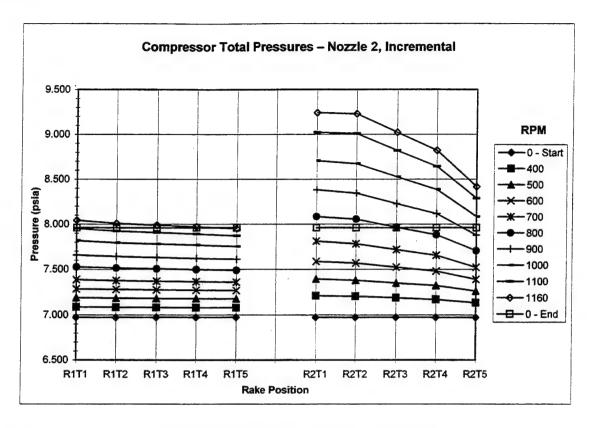


Figure 22. Pressure measurement for Nozzle 1 near the compressor and around the tunnel circuit for a range of compressor speeds



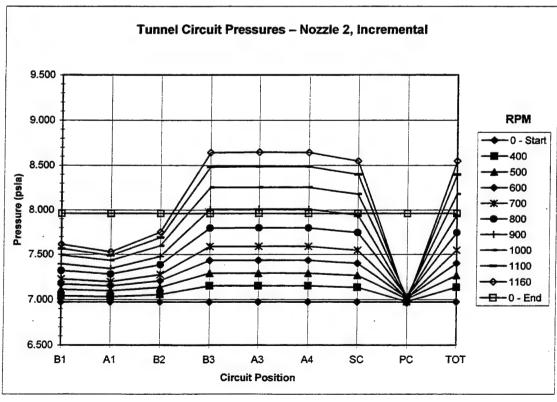
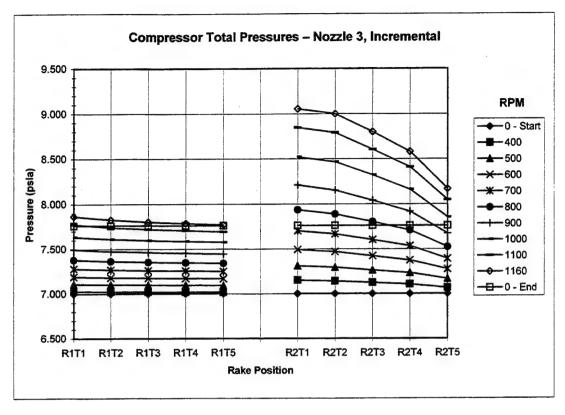


Figure 23. Pressure measurement for Nozzle 2 near the compressor and around the tunnel circuit for a range of compressor speeds



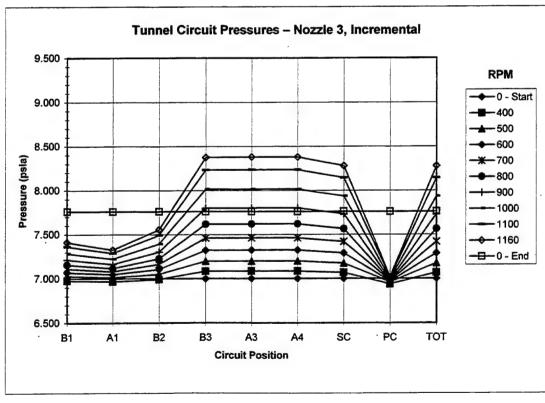
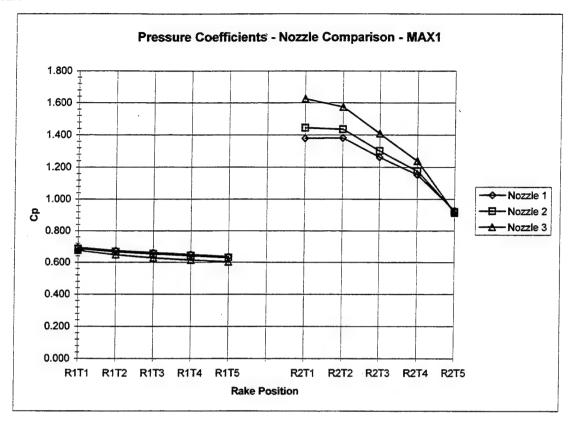


Figure 24. Pressure measurement for Nozzle 3 near the compressor and around the tunnel circuit for a range of compressor speeds



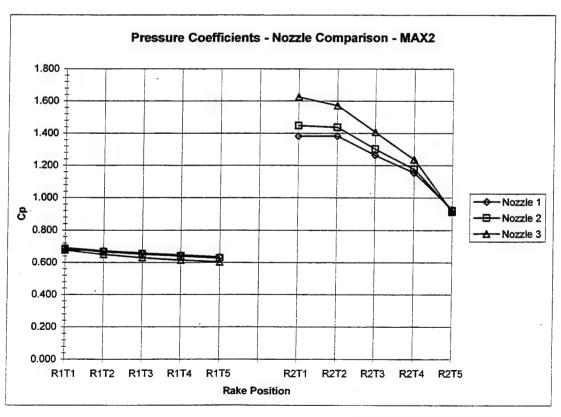
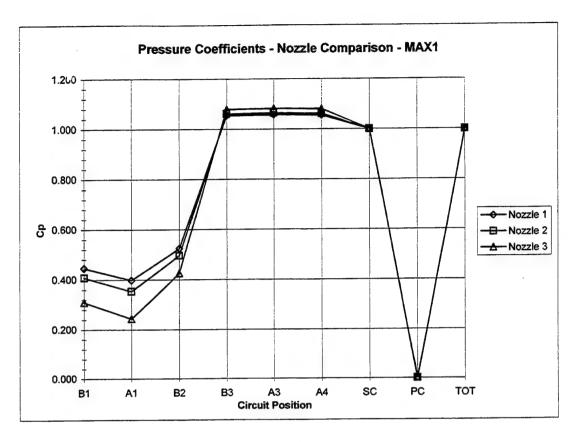


Figure 25. Nozzle comparison - Pressure coefficients near the compressor for the maximum compressor speed tests during the day (MAX1) and the night (MAX2)



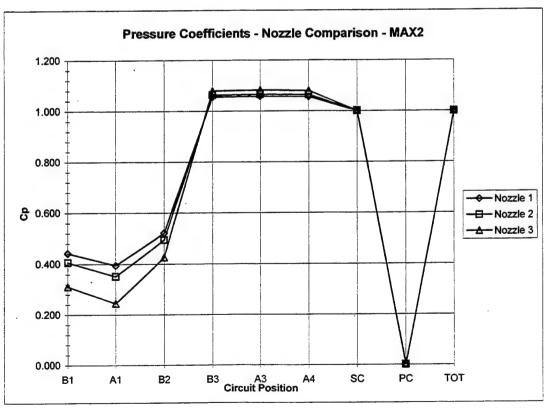
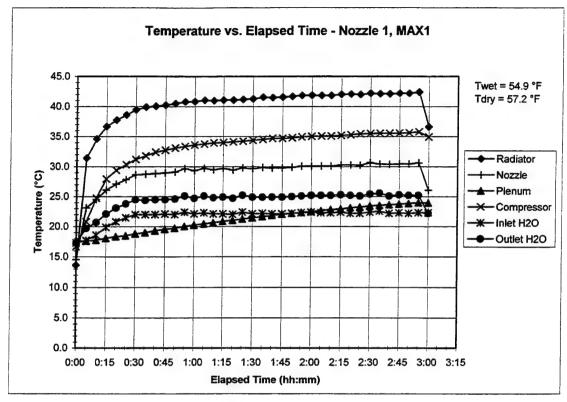


Figure 26. Nozzle comparison - Pressure coefficients around the circuit for the maximum compressor speed tests during the day (MAX1) and the night (MAX2)



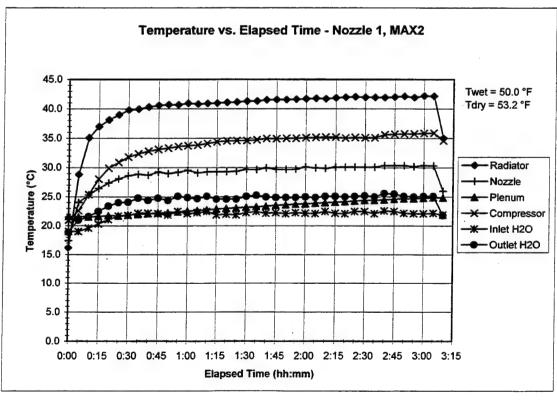
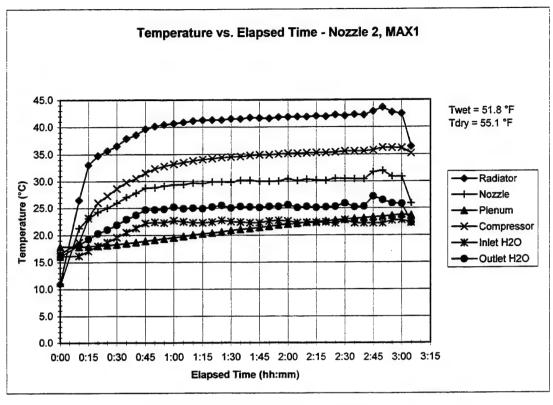


Figure 27. Nozzle 1 - Temperature variation for the maximum compressor speed tests during the day (MAX1) and the night (MAX2)



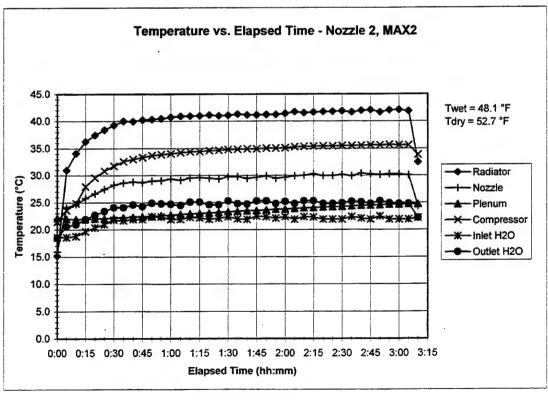
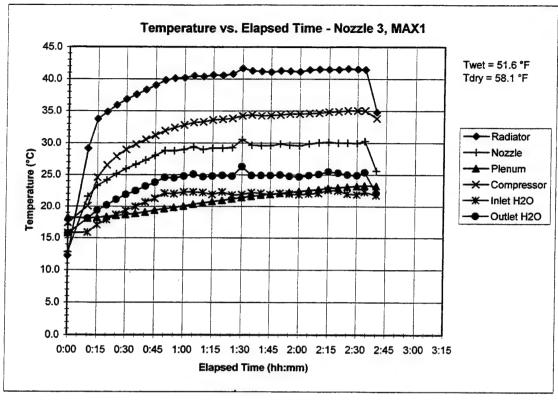


Figure 28. Nozzle 2 - Temperature variation for the maximum compressor speed tests during the day (MAX1) and the night (MAX2)



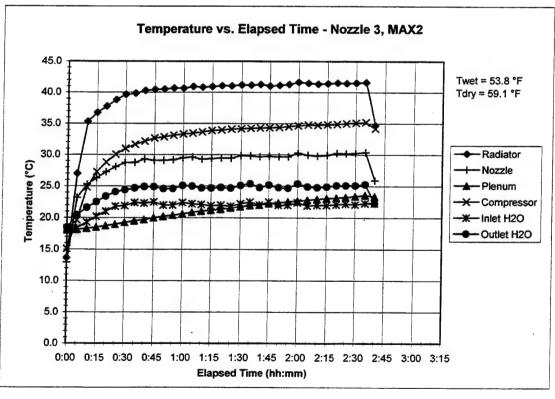


Figure 29. Nozzle 3 - Temperature variation for the maximum compressor speed tests during the day (MAX1) and the night (MAX2)

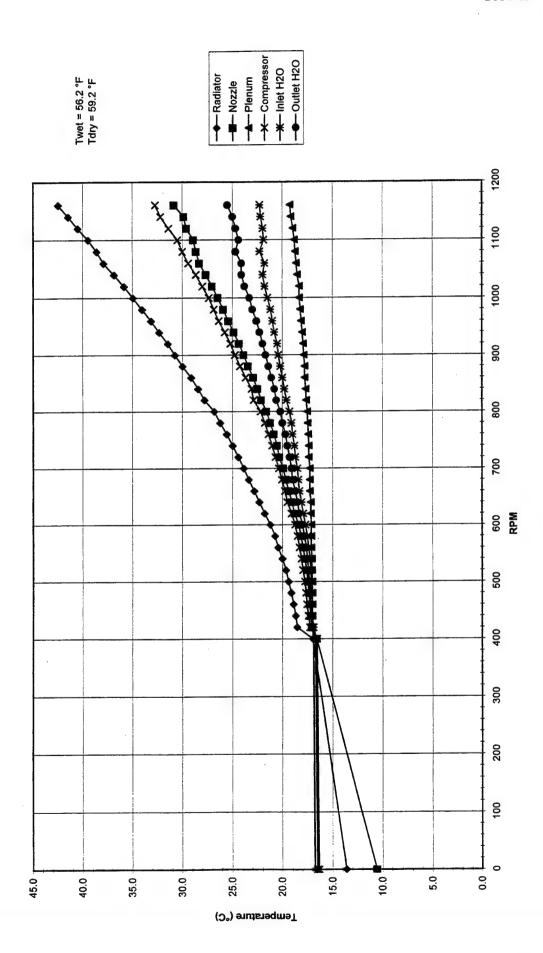


Figure 30. Nozzle 1 - Temperature variation with compressor speed for the Incremental test

APPENDIX A - Tabulated Data

A.1 Pressure Data - Nozzle 1 - Incremental (N1 INCR)

RPM=400 Mon	H=50.38 May	P=49.15	P (psi) = 9 15:08:21		RPM=420 Mon	H=51.03 May	P=49.66	P (psi) = 9 15:22:14	4 1994
	Average (psid)	Average (p	sia)		Average (Average (
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
1	0.000	-0.001	7.128	7.128	1	0.000	-0.001	7.202	7.202
2	0.030	0.030	7.159	7.159	2	0.030	0.030	7.232	7.232
3	0.128	0.080	7.257	7.208	3	0.140	0.087	7.342	7.289
4	0.125	0.070	7.253	7.198	4	0.136	0.076	7.339	7.278
5	0.123	0.094	7.251	7.222	5	0.134	0.102	7.336	7.304
6	0.122	0.197	7.251	7.325	6	0.133	0.214	7.335	7.416
7	0.119	0.198	7.248	7.326	7	0.130	0.214	7.332	7.417
8	0.257	0.197	7.385	7.325	8	0.280	0.214	7.482	7.416
9	0.252	0.180	7.380	7.308	9	0.274	0.196	7.477	7.398
10	0.235	-0.001	7.363	7.128	10	0.255	-0.001	7.457	7.202
11	0.216	0.180	7.345	7.309	11	0.235	0.196	7.437	7.399
12	0.181		7.309		12	0.195		7.398	
RPM=440	H=51.23	P=49.69	P (psi) =	7.207 5 1994	RPM=460	H=51.40 May	P=49.73	P (psi) = 9 15:29:0	7.212 4 1994
Mon	May	. 2.45	9 15:25:55		Mon	-		Average (
	Average (Average (p		T	Average (sc-02
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01 0.000	sc-02 -0.001	sc-01 7.212	7.212
1	0.000	-0.001	7.206	7.206	1		0.030	7.212	7.212
2	0.030	0.030	7.237	7.236	2 3	0.030	0.030	7.243	7.242
3	0.159	0.098	7.366	7.305	4	0.175 0.170	0.107	7.382	7.320
4	0.154	0.086	7.361	7.293	5	0.170	0.127	7.379	7.340
5	0.152	0.116	7.359	7.322 7. 44 7	6	0.166	0.127	7.378	7.476
6	0.150	0.241 0.242	7.357 7.354	7. 44 / 7.448	7	0.162	0.264	7.374	7.477
7	0.147 0.317	0.242	7.524 7.524	7. 44 8 7. 44 8	8	0.102	0.264	7.562	7.477
8		0.242	7.517	7. 44 8 7.429	9	0.349	0.243	7.553	7.456
9 10	0.310 0.288	0.222	7.494	7.429	10	0.340	-0.001	7.528	7.212
11	0.266	0.000	7.472	7.429	11	0.291	0.243	7.503	7.456
12	0.200	0.222	7.472	1.423	12	0.231	0.243	7.452	7.430
12	0.220		1.421		12	0.237		7.752	
		D 40.51	70. (7)	7.310	DDM-500	IIE1 (0	D-40.60	D (noi) -	7 207
RPM=480	H=51.54	P=49.71	P (psi) =	7.210	RPM=500	H=51.69	P=49.69	P (psi) =	7.207
RPM=480 Mon	May		9 15:31:03	1994	RPM=500 Mon	May		9 15:33:1	4 1994
Mon	May Average (psid)	9 15:31:03 Average (ps	3 1994 sia)	Mon	May Average (psid)	9 15:33:14 Average (4 1994 psia)
Mon Transducer	May Average (sc-01	psid) sc-02	9 15:31:03 Average (ps sc-01	sia) sc-02	Mon Transducer	May Average (sc-01	psid) sc-02	9 15:33:14 Average (sc-01	4 1994 psia) sc-02
Mon Transducer I	May Average (sc-01 0.000	psid) sc-02 -0.001	9 15:31:03 Average (ps sc-01 7.210	sia) sc-02 7.209	Mon Transducer	May Average (sc-01 0.000	psid) sc-02 0.000	9 15:33:14 Average () sc-01 7.207	4 1994 psia) sc-02 7.206
Mon Transducer I 2	May Average (sc-01 0.000 0.030	psid) sc-02 -0.001 0.030	9 15:31:03 Average (ps sc-01 7.210 7.240	sia) sc-02 7.209 7.240	Mon Transducer 1 2	May Average (sc-01 0.000 0.030	psid) sc-02 0.000 0.030	9 15:33:14 Average (j sc-01 7.207 7.237	4 1994 psia) sc-02 7.206 7.237
Mon Transducer I 2 3	May Average (sc-01 0.000 0.030 0.191	psid) sc-02 -0.001 0.030 0.118	9 15:31:03 Average (posc-01 7.210 7.240 7.401	sia) sc-02 7.209 7.240 7.327	Mon Transducer 1 2 3	May Average (sc-01 0.000 0.030 0.207	psid) sc-02 0.000 0.030 0.128	9 15:33:14 Average (sc-01 7.207 7.237 7.414	4 1994 psia) sc-02 7.206 7.237 7.335
Mon Transducer I 2 3 4	May Average (sc-01 0.000 0.030 0.191 0.186	psid) sc-02 -0.001 0.030 0.118 0.104	9 15:31:03 Average (posse-01 7.210 7.240 7.401 7.395	sia) sc-02 7.209 7.240 7.327 7.314	Mon Transducer 1 2 3 4	May Average (sc-01 0.000 0.030 0.207 0.202	psid) sc-02 0.000 0.030 0.128 0.113	9 15:33:1- Average (sc-01 7.207 7.237 7.414 7.408	4 1994 psia) sc-02 7.206 7.237 7.335 7.319
Mon Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.030 0.191 0.186 0.182	sc-02 -0.001 0.030 0.118 0.104 0.140	9 15:31:03 Average (p: sc-01 7.210 7.240 7.401 7.395 7.392	sia) sc-02 7.209 7.240 7.327 7.314 7.349	Mon Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.030 0.207 0.202 0.198	psid) sc-02 0.000 0.030 0.128 0.113 0.152	9 15:33:1- Average (sc-01 7.207 7.237 7.414 7.408 7.405	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358
Mon Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.030 0.191 0.186 0.182 0.180	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289	9 15:31:03 Average (po sc-01 7.210 7.240 7.401 7.395 7.392 7.390	sc-02 7.209 7.240 7.327 7.314 7.349 7.499	Mon Transducer 1 2 3 4	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195	sc-02 0.000 0.030 0.128 0.113 0.152 0.313	9 15:33:14 Average (sc-01 7.207 7.237 7.414 7.408 7.405 7.402	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520
Mon Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.030 0.191 0.186 0.182 0.180 0.176	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290	9 15:31:03 Average (pt sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386	sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500	Mon Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192	psid) sc-02 0.000 0.030 0.128 0.113 0.152	9 15:33:1- Average (j sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521
Mon Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.290	9 15:31:03 Average (posse-01 7:210 7:240 7:401 7:395 7:392 7:390 7:386 7:592	sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499	Mon Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416	sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.314	9 15:33:1- Average (j sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520
Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (6 sc-01 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.290 0.267	9 15:31:03 Average (ps sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582	sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499 7.477	Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192	sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314	9 15:33:1- Average (j sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521
Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (6 sc-01 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.290	9 15:31:03 Average (ps sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554	sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499	Mon Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404	sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.314 0.290	9 15:33:1- Average (sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497
Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (6 sc-01 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.290 0.267 0.000	9 15:31:03 Average (ps sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582	sia) sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499 7.477 7.209	Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374	sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.314 0.290 -0.001	9 15:33:1- Average (j sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520	May Average (sc-01 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344 0.319 0.263 H=51.85	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.290 0.267 0.000	9 15:31:03 Average (ps sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554 7.528 7.472 P (psi) =	sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499 7.477 7.209 7.477	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=540	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374 0.346 0.285 H=52.03	sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.314 0.290 -0.001 0.290	9 15:33:1- Average (sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581 7.553 7.492 P (psi) =	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206 7.497
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344 0.319 0.263 H=\$1.85 May	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.297 0.000 0.267	9 15:31:03 Average (ps sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554 7.528 7.472 P (psi) = 9 15:36:01	sia) sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499 7.477 7.209 7.477	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374 0.346 0.285 H=52.03 May	sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.314 0.290 -0.001 0.290	9 15:33:1- Average (sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581 7.553 7.492 P (psi) = 9 15:38:03	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206 7.497 7.206 7.497
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Mon	May Average (sc-01 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344 0.319 0.263 H=51.85 May Average (sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.297 0.000 0.267	9 15:31:03 Average (ps sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554 7.528 7.472 P (psi) = 9 15:36:01 Average (psi	sia) sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499 7.477 7.209 7.477	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=540 Mon	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374 0.346 0.285 H=52.03 May Average (sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.314 0.290 -0.001 0.290 P=49.66	9 15:33:1- Average (j sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581 7.553 7.492 P (psi) = 9 15:38:0: Average (j	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206 7.497 7.202 3 1994 psia)
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Mon Transducer	May Average (sc-01 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344 0.319 0.263 H=51.85 May Average (sc-01	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.297 0.000 0.267 P=49.67	9 15:31:03 Average (ps. sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554 7.528 7.472 P (psi) = 9 15:36:01 Average (ps. sc-01	sia) sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499 7.477 7.209 7.477	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=540 Mon Transducer	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374 0.346 0.285 H=52.03 May Average (sc-01	sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.290 -0.001 0.290 P=49.66 psid)	9 15:33:1- Average (sc-01) 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581 7.553 7.492 P (psi) = 9 15:38:0: Average (sc-01)	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206 7.497 7.202 3 1994 psia) sc-02
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Mon Transducer 1	May Average (sc-01 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344 0.319 0.263 H=\$1.85 May Average (sc-01 0.000	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.297 0.000 0.267 P=49.67 psid) sc-02 0.000	9 15:31:03 Average (ps sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554 7.528 7.472 P (psi) = 9 15:36:01 Average (ps sc-01 7.204	sia) sc-02 7.209 7.240 7.327 7.314 7.349 7.500 7.499 7.477 7.209 7.477 7.209 7.477 7.209 7.477 7.209 7.477	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=540 Mon Transducer 1	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374 0.346 0.285 H=52.03 May Average (sc-01 0.000	psid) sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.290 -0.001 0.290 P=49.66 psid) sc-02 0.000	9 15:33:1- Average (sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581 7.553 7.492 P (psi) = 9 15:38:0: Average (sc-01 7.202	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206 7.497 7.202 3 1994 psia) sc-02 7.202
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Mon Transducer 1 2	May Average (sc-01 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344 0.319 0.263 H=51.85 May Average (sc-01 0.000 0.030	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.297 0.000 0.267 P=49.67 psid) sc-02 0.000 0.030	9 15:31:03 Average (ps. sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554 7.528 7.472 P (psi) = 9 15:36:01 Average (ps. sc-01 7.204 7.234	sia) sc-02 7.209 7.240 7.327 7.314 7.349 7.500 7.499 7.477 7.209 7.477 7.209 7.477 7.209 7.477 7.204 sia) sc-02 7.203 7.234	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=540 Mon Transducer 1 2	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374 0.346 0.285 H=52.03 May Average (sc-01 0.000 0.030	psid) sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.290 -0.001 0.290 P=49.66 psid) sc-02 0.000 0.030	9 15:33:1- Average (sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581 7.553 7.492 P (psi) = 9 15:38:0: Average (sc-01 7.202 7.233	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206 7.497 7.202 3 1994 psia) sc-02 7.202 7.202 7.202 7.202 7.202 7.202
Transducer 1 2 3 4 5 6 6 7 8 9 10 11 12 RPM=520 Mon Transducer 1 2 3 3	May Average (sc-01 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344 0.319 0.263 H=51.85 May Average (sc-01 0.000 0.030 0.226	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.297 0.000 0.267 P=49.67 P=49.67 psid) sc-02 0.000 0.030 0.030	9 15:31:03 Average (ps. sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554 7.528 7.472 P (psi) = 9 15:36:01 Average (ps. sc-01 7.204 7.234 7.430	sia) sc-02 7.209 7.240 7.327 7.314 7.349 7.500 7.499 7.477 7.209 7.477 7.209 7.477 7.204 sia) sc-02 7.203 7.234 7.344	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=540 Mon Transducer 1 2 3	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374 0.346 0.285 H=52.03 May Average (sc-01 0.000 0.030 0.245	psid) sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.290 -0.001 0.290 P=49.66 psid) sc-02 0.000 0.030 0.152	9 15:33:1- Average (sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581 7.553 7.492 P (psi) = 9 15:38:0: Average (sc-01 7.202 7.233 7.447	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206 7.497 7.202 3 1994 psia) sc-02 7.202 7.232 7.354
Transducer 1 2 3 4 5 6 6 7 8 9 10 11 12 RPM=520 Mon Transducer 1 2 3 4 4	May Average (secoli 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344 0.319 0.263 H=51.85 May Average (secoli 0.000 0.030 0.226 0.220	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.297 0.000 0.267 P=49.67 psid) sc-02 0.000 0.030 0.140 0.124	9 15:31:03 Average (ps. sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554 7.528 7.472 P (psi) = 9 15:36:01 Average (ps. sc-01 7.204 7.234 7.430 7.424	sia) sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499 7.477 7.209 7.477 7.209 7.477 7.204 sia) sc-02 7.203 7.234 7.344 7.327	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=540 Mon Transducer 1 2 3 4	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374 0.346 0.285 H=52.03 May Average (sc-01 0.000 0.030 0.245 0.239	psid) sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.290 -0.001 0.290 P=49.66 psid) sc-02 0.000 0.030 0.152 0.134	9 15:33:1- Average (sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581 7.553 7.492 P (psi) = 9 15:38:0: Average (sc-01 7.202 7.233 7.447 7.442	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206 7.497 7.202 3 1994 psia) sc-02 7.202 7.232 7.354 7.336
Transducer 1 2 3 4 5 5 6 6 7 8 9 10 11 12 RPM=520 Mon Transducer 1 2 3 4 5 5	May Average (second) 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344 0.319 0.263 H=51.85 May Average (second) 0.030 0.226 0.220 0.216	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.297 0.000 0.267 P=49.67 psid) sc-02 0.000 0.030 0.140 0.124 0.166	9 15:31:03 Average (p: sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554 7.528 7.472 P (psi) = 9 15:36:01 Average (p: sc-01 7.204 7.234 7.430 7.424 7.420	sia) sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499 7.477 7.209 7.477 7.209 7.477 7.204 sia) sc-02 7.203 7.234 7.344 7.327 7.370	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=540 Mon Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374 0.346 0.285 H=52.03 May Average (sc-01 0.000 0.030 0.245 0.239 0.234	psid) sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.290 -0.001 0.290 P=49.66 psid) sc-02 0.000 0.030 0.152 0.134 0.180	9 15:33:1- Average (sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581 7.553 7.492 P (psi) = 9 15:38:0 Average (sc-01 7.202 7.233 7.447 7.442 7.436	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206 7.497 7.202 3 1994 psia) sc-02 7.202 7.232 7.354 7.336 7.382
Transducer 1 2 3 4 5 6 6 7 7 8 9 10 11 12 12 RPM=520 Mon Transducer 1 2 3 4 5 6 6 1 1 1 1 1 1 1 1	May Average (sec.01) 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344 0.319 0.263 H=51.85 May Average (sec.01) 0.000 0.030 0.226 0.220 0.216 0.213	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.267 0.000 0.267 . P=49.67 psid) sc-02 0.000 0.030 0.140 0.124 0.166 0.342	9 15:31:03 Average (p: sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554 7.528 7.472 P (psi) = 9 15:36:01 Average (p: sc-01 7.204 7.234 7.430 7.424 7.420 7.417	sia) sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499 7.477 7.209 7.477 7.209 7.477 7.204 sia) sc-02 7.203 7.234 7.344 7.327 7.370 7.545	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=540 Mon Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374 0.346 0.285 H=52.03 May Average (sc-01 0.000 0.030 0.245 0.239 0.234 0.231	psid) sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.290 -0.001 0.290 P=49.66 psid) sc-02 0.000 0.030 0.152 0.134 0.180 0.370	9 15:33:1- Average (sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581 7.553 7.492 P (psi) = 9 15:38:0: Average (sc-01 7.202 7.233 7.447 7.442 7.436 7.433	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206 7.497 7.202 3 1994 psia) sc-02 7.202 7.232 7.354 7.336 7.382 7.572
Transducer 1 2 3 4 5 6 6 7 8 9 10 11 12 RPM=520 Mon Transducer 1 2 3 4 5 6 6 7 7	May Average (sec.01) 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344 0.319 0.263 H=51.85 May Average (sec.01) 0.000 0.030 0.226 0.220 0.216 0.213 0.209	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.267 0.000 0.267	9 15:31:03 Average (p: sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554 7.528 7.472 P (psi) = 9 15:36:01 Average (p: sc-01 7.204 7.234 7.430 7.424 7.420 7.417 7.413	sia) sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499 7.477 7.209 7.477 7.209 7.477 7.204 sia) sc-02 7.203 7.234 7.344 7.327 7.370 7.545 7.546	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=540 Mon Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374 0.346 0.285 H=52.03 May Average (sc-01 0.000 0.030 0.245 0.239 0.234 0.231 0.226	psid) sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.290 -0.001 0.290 P=49.66 psid) sc-02 0.000 0.030 0.152 0.134 0.180 0.370 0.371	9 15:33:1- Average (sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581 7.553 7.492 P (psi) = 9 15:38:0 Average (sc-01 7.202 7.233 7.447 7.442 7.436 7.433 7.429	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206 7.497 7.202 3 1994 psia) sc-02 7.202 7.232 7.354 7.336 7.382 7.572 7.574
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Mon Transducer 1 2 3 4 5 6 7 8	May Average (sec-01) 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344 0.319 0.263 H=51.85 May Average (sec-01) 0.000 0.030 0.226 0.220 0.216 0.213 0.209 0.454	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.267 0.000 0.267	9 15:31:03 Average (ps. sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554 7.528 7.472 P (psi) = 9 15:36:01 Average (ps. sc-01 7.204 7.234 7.430 7.424 7.420 7.417 7.413 7.658	sia) sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499 7.477 7.209 7.477 7.209 7.477 7.204 sia) sc-02 7.203 7.234 7.344 7.327 7.370 7.545 7.546 7.546	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=540 Mon Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374 0.346 0.285 H=52.03 May Average (sc-01 0.000 0.030 0.245 0.239 0.234 0.231 0.226 0.493	psid) sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.290 -0.001 0.290 P=49.66 psid) sc-02 0.000 0.030 0.152 0.134 0.180 0.370 0.371 0.371	9 15:33:1- Average (sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581 7.553 7.492 P (psi) = 9 15:38:0: Average (sc-01 7.202 7.233 7.447 7.442 7.436 7.433 7.429 7.695	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206 7.497 7.202 3 1994 psia) sc-02 7.202 7.232 7.354 7.336 7.382 7.572 7.574 7.573
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (sec-01) 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344 0.319 0.263 H=51.85 May Average (sec-01) 0.000 0.030 0.226 0.220 0.216 0.213 0.209 0.454 0.441	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.267 0.000 0.267	9 15:31:03 Average (ps. sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554 7.528 7.472 P (psi) = 9 15:36:01 Average (ps. sc-01 7.204 7.234 7.430 7.424 7.420 7.417 7.413 7.658 7.645	sia) sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499 7.477 7.209 7.477 7.209 7.477 7.204 sia) sc-02 7.203 7.234 7.344 7.327 7.370 7.545 7.546 7.546 7.520	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=540 Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374 0.346 0.285 H=52.03 May Average (sc-01 0.000 0.030 0.245 0.239 0.234 0.231 0.226 0.493 0.479	psid) sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.314 0.290 -0.001 0.290 P=49.66 psid) sc-02 0.000 0.030 0.152 0.134 0.180 0.370 0.371 0.371 0.343	9 15:33:1- Average (sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581 7.553 7.492 P (psi) = 9 15:38:0: Average (sc-01 7.202 7.233 7.447 7.442 7.436 7.433 7.429 7.695 7.681	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206 7.497 7.202 3 1994 psia) sc-02 7.202 7.354 7.336 7.382 7.572 7.574 7.573 7.546
Transducer 1 2 3 4 5 6 6 7 8 9 10 11 12 Transducer 1 2 3 4 5 6 6 7 8 9 10 10 10 10 10 10	May Average (sec-01) 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344 0.319 0.263 H=51.85 May Average (sec-01) 0.000 0.030 0.226 0.220 0.216 0.213 0.209 0.454 0.441 0.407	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.267 0.000 0.267 P=49.67 psid) sc-02 0.000 0.030 0.140 0.124 0.166 0.342 0.342 0.342 0.342 0.316 -0.001	9 15:31:03 Average (ps. sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554 7.528 7.472 P (psi) = 9 15:36:01 Average (ps. sc-01 7.204 7.234 7.430 7.424 7.420 7.417 7.413 7.658 7.645 7.611	sia) sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499 7.477 7.209 7.477 7.209 7.477 7.204 is 1994 sia) sc-02 7.203 7.234 7.344 7.327 7.370 7.545 7.546 7.546 7.520 7.203	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=540 Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374 0.346 0.285 H=52.03 May Average (sc-01 0.000 0.030 0.245 0.239 0.234 0.231 0.226 0.493 0.479 0.442	psid) sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.314 0.290 -0.001 0.290 P=49.66 psid) sc-02 0.000 0.030 0.152 0.134 0.180 0.370 0.371 0.343 -0.001	9 15:33:1- Average (sc-01) 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581 7.553 7.492 P (psi) = 9 15:38:0: Average (sc-01) 7.202 7.233 7.447 7.442 7.436 7.433 7.429 7.695 7.681 7.644	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206 7.497 7.202 3 1994 psia) sc-02 7.202 7.232 7.354 7.336 7.382 7.572 7.574 7.573 7.546 7.202
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (sec-01) 0.000 0.030 0.191 0.186 0.182 0.180 0.176 0.382 0.372 0.344 0.319 0.263 H=51.85 May Average (sec-01) 0.000 0.030 0.226 0.220 0.216 0.213 0.209 0.454 0.441	sc-02 -0.001 0.030 0.118 0.104 0.140 0.289 0.290 0.267 0.000 0.267	9 15:31:03 Average (ps. sc-01 7.210 7.240 7.401 7.395 7.392 7.390 7.386 7.592 7.582 7.554 7.528 7.472 P (psi) = 9 15:36:01 Average (ps. sc-01 7.204 7.234 7.430 7.424 7.420 7.417 7.413 7.658 7.645	sia) sc-02 7.209 7.240 7.327 7.314 7.349 7.499 7.500 7.499 7.477 7.209 7.477 7.209 7.477 7.204 sia) sc-02 7.203 7.234 7.344 7.327 7.370 7.545 7.546 7.546 7.520	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=540 Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.030 0.207 0.202 0.198 0.195 0.192 0.416 0.404 0.374 0.346 0.285 H=52.03 May Average (sc-01 0.000 0.030 0.245 0.239 0.234 0.231 0.226 0.493 0.479	psid) sc-02 0.000 0.030 0.128 0.113 0.152 0.313 0.314 0.314 0.290 -0.001 0.290 P=49.66 psid) sc-02 0.000 0.030 0.152 0.134 0.180 0.370 0.371 0.371 0.343	9 15:33:1- Average (sc-01 7.207 7.237 7.414 7.408 7.405 7.402 7.398 7.623 7.611 7.581 7.553 7.492 P (psi) = 9 15:38:0: Average (sc-01 7.202 7.233 7.447 7.442 7.436 7.433 7.429 7.695 7.681	4 1994 psia) sc-02 7.206 7.237 7.335 7.319 7.358 7.520 7.521 7.521 7.497 7.206 7.497 7.202 3 1994 psia) sc-02 7.202 7.354 7.336 7.382 7.572 7.574 7.573 7.546

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RPM=560 Mon	H=52.20 May	P=49.63	P (psi) = 9 15:40:23	7.198 8 19	RPM=580 94 Mon	H=52.38 May	P=49.62	P (psi) = 9 15:42:4	7.197 1 1994
	Average (psid)	Average (p	sia)		Average	(psid)	Average (psia)
Transducer		sc-02	sc-01	sc-02	Transducer	_	sc-02	sc-01	sc-02
1	0.000	-0.001	7.198	7.197	I	0.000	-0.001	7.196	7.196
2	0.030	0.030	7.228	7.228	2	0.030	0.030	7.227	7.226
3	0.266	0.164	7.463	7.362	3	0.286	0.178	7.483	7.374
4	0.259	0.145	7.457	7.343	4	0.279	0.157	7.476	7.354
5	0.254	0.196	7.452	7.393	5	0.274	0.211	7.470	7.408
6	0.250	0.399	7.448	7.597	6	0.270	0.432	7.467	7.629
7	0.246	0.401	7.444	7.599	7	0.264	0.434	7.461	7.630
8	0.533	0.401	7.731	7.599	8	0.575	0.434	7.772	7.630
9	0.518	0.372	7.716	7.570	9	0.560	0.403	7.757	7.599
10	0.478	-0.001	7.676	7.197	10	0.517	0.000	7.713	7.196
11	0.442	0.371	7.640	7.569	11	0.477	0.402	7.674	7.599
12	0.362		7.560		12	0.391		7.588	
RPM=600	H=52.63	P=49.66	P (psi) =	7.202	RPM=620	H=52.85	P=49.66	P (psi) =	7.202
Mon	May		9 15:46:11	199	94 Mon	May		9 15:49:0	0 1994
	Average ((hize	Average (ps			Average (nsid)	Average (
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
1	0.000	0.000	7.202	7.202	1	0.000	0.000	7.202	7.202
2	0.030	0.030	7.233	7.232	2	0.030	0.030	7.233	7.233
3	0.307	0.191	7.509	7.393	3	0.330	0.205	7.532	7.407
4	0.299	0.169	7.501	7.371	4	0.321	0.181	7.523	7.384
5	0.293	0.226	7.496	7.429	5	0.315	0.243	7.517	7.445
6	0.290	0.464	7.492	7.666	6	0.311	0.498	7.513	7.700
7	0.284	0.465	7.486	7.668	7	0.304	0.499	7.507	7.701
8	0.618	0.464	7.821	7.667	8	0.665	0.499	7.867	7.701
9	0.601	0.433	7.803	7.635	9	0.646	0.465	7.848	7 .667
10	0.554	0.000	7.756	7.202	10	0.595	0.000	7.797	7.202
11	0.511	0.432	7.714	7.635	11	0.549	0.464	7.751	7.666
12	0.420		7.622		12	0.448		7.651	
RPM=640 Mon	H=53.08 M ay	P=49.66	P (psi) = 9 15:52:00	7.202 199	RPM=660 4 Mon	H=53.31 May	P=49.62	P (psi) = 9 15:54:35	
	Average (p	sid)	Average (ps			Average (osid)	Average (p	
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
1	0.000	0.000	7.203	7.202	1	0.000	0.000	7.197	7.196
2	0.030	0.000	7.233	7.232	2	0.030	0.030	7.227	7.227
3	0.030	0.020		1.232	3				7.433
	0.254	0.030		7 422				2 525	
	0.354	0.221	7.556	7.423		0.379	0.237	7.575	
4	0.344	0.221 0.195	7.556 7.546	7.398	4	0.368	0.210	7.565	7.406
5	0.344 0.337	0.221 0.195 0.261	7.556 7.546 7.539	7.398 7.463	4 5	0.368 0.361	0.210 0.281	7.565 7.558	7.406 7.477
	0.344	0.221 0.195 0.261 0.533	7.556 7.546	7.398 7.463 7.735	4 5 6	0.368	0.210	7.565	7.406 7.477 7.769
5	0.344 0.337	0.221 0.195 0.261	7.556 7.546 7.539	7.398 7.463	4 5	0.368 0.361	0.210 0.281	7.565 7.558 7.552	7.406 7.477
5 6	0.344 0.337 0.332	0.221 0.195 0.261 0.533	7.556 7.546 7.539 7.534	7.398 7.463 7.735	4 5 6	0.368 0.361 0.356	0.210 0.281 0.572	7.565 7.558	7.406 7.477 7.769
5 6 7	0.344 0.337 0.332 0.325	0.221 0.195 0.261 0.533 0.535	7.556 7.546 7.539 7.534 7.527	7.398 7.463 7.735 7.738 7.737	4 5 6 7	0.368 0.361 0.356 0.349 0.764	0.210 0.281 0.572 0.574 0.574	7.565 7.558 7.552 7.546 7.960	7.406 7.477 7.769 7.771 7.771
5 6 7 8 9	0.344 0.337 0.332 0.325 0.712 0.692	0.221 0.195 0.261 0.533 0.535 0.535	7.556 7.546 7.539 7.534 7.527 7.915 7.894	7.398 7.463 7.735 7.738 7.737 7.700	4 5 6 7 8 9	0.368 0.361 0.356 0.349 0.764 0.743	0.210 0.281 0.572 0.574 0.574 0.535	7.565 7.558 7.552 7.546 7.960 7.939	7.406 7.477 7.769 7.771 7.771 7.732
5 6 7 8 9	0.344 0.337 0.332 0.325 0.712 0.692 0.637	0.221 0.195 0.261 0.533 0.535 0.535 0.498 0.000	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840	7.398 7.463 7.735 7.738 7.737 7.700 7.202	4 5 6 7 8 9 10	0.368 0.361 0.356 0.349 0.764 0.743 0.683	0.210 0.281 0.572 0.574 0.574 0.535 0.000	7.565 7.558 7.552 7.546 7.960 7.939 7.879	7.406 7.477 7.769 7.771 7.771 7.732 7.196
5 6 7 8 9 10	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588	0.221 0.195 0.261 0.533 0.535 0.535	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790	7.398 7.463 7.735 7.738 7.737 7.700	4 5 6 7 8 9 10	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630	0.210 0.281 0.572 0.574 0.574 0.535	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826	7.406 7.477 7.769 7.771 7.771 7.732
5 6 7 8 9	0.344 0.337 0.332 0.325 0.712 0.692 0.637	0.221 0.195 0.261 0.533 0.535 0.535 0.498 0.000	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840	7.398 7.463 7.735 7.738 7.737 7.700 7.202	4 5 6 7 8 9 10	0.368 0.361 0.356 0.349 0.764 0.743 0.683	0.210 0.281 0.572 0.574 0.574 0.535 0.000	7.565 7.558 7.552 7.546 7.960 7.939 7.879	7.406 7.477 7.769 7.771 7.771 7.732 7.196
5 6 7 8 9 10	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588	0.221 0.195 0.261 0.533 0.535 0.535 0.498 0.000 0.498	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) =	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700	4 5 6 7 8 9 10 11 12 RPM=700	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) =	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732
5 6 7 8 9 10 11	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479	0.221 0.195 0.261 0.533 0.535 0.535 0.498 0.000 0.498	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700	4 5 6 7 8 9 10 11 12 RPM=700	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732
5 6 7 8 9 10 11 12 RPM=680	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479	0.221 0.195 0.261 0.533 0.535 0.535 0.498 0.000 0.498	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) =	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700 7.400 7.400 7.400 7.400	4 5 6 7 8 9 10 11 12 RPM=700	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) =	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732
5 6 7 8 9 10 11 12 RPM=680 Mon	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479 H=53.50 May Average (pg	0.221 0.195 0.261 0.533 0.535 0.535 0.498 0.000 0.498	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) = 9 15:56:52 Average (psi	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700 7.197 1994	4 5 6 7 8 9 10 11 12 RPM=700 Mon	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514 H=53.72 May Average (p	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535 P=49.67 9	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) = 15:59:12 Average (p	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732 7.204 1994
5 6 7 8 9 10 11 12 RPM=680 Mon	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479 H=53.50 May Average (ps	0.221 0.195 0.261 0.533 0.535 0.535 0.498 0.000 0.498 P=49.62 sc-02	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) = 9 15:56:52 Average (psi	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700 7.197 1994 a) sc-02	4 5 6 7 8 9 10 11 12 RPM=700 Mon	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514 H=53.72 May Average (p	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535 P=49.67 g	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) = 15:59:12 Average (psi) = sc-01	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732 7.204 1994 sia) sc-02
5 6 7 8 9 10 11 12 RPM=680 Mon	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479 H=53.50 May Average (ps sc-01 0.000	0.221 0.195 0.261 0.533 0.535 0.535 0.498 0.000 0.498 P=49.62 sc-02 0.000	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) = 9 9 15:56:52 Average (psi sc-01 7.197	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700 7.197 1994 a) sc-02 7.196	4 5 6 7 8 9 10 11 12 RPM=700 Mon Transducer	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514 H=53.72 May Average (p sc-01 0.000	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535 P=49.67 sid) sc-02 0.000	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) = 15:59:12 Average (psi) = 12.204	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732 7.204 1994 sia) sc-02 7.204
5 6 7 8 9 10 11 12 RPM=680 Mon Transducer 1 2	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479 H=53.50 May Average (ps. sc-01 0.000 0.030	0.221 0.195 0.261 0.533 0.535 0.498 0.000 0.498 P=49.62 sid) sc-02 0.000 0.030	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) = 9 15:56:52 Average (psi sc-01 7.197 7.227	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700 7.197 1994 a) sc-02 7.196 7.227	4 5 6 7 8 9 10 11 12 RPM=700 Mon Transducer 1 2	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514 H=53.72 May Average (p sc-01 0.000 0.030	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535 P=49.67 sid) sc-02 0.000 0.030	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) = 15:59:12 Average (psi) = 5.01 7.204 7.234	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732 7.204 1994 sia) sc-02 7.204 7.234
5 6 7 8 9 10 11 12 RPM=680 Mon Transducer 1 2 3	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479 H=53.50 May Average (ps sc-01 0.000 0.030 0.399	0.221 0.195 0.261 0.533 0.535 0.498 0.000 0.498 P=49.62 sid) sc-02 0.000 0.030 0.249	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) = 9 9 15:56:52 Average (psi sc-01 7.197 7.227 7.596	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700 7.197 1994 a) sc-02 7.196 7.227 7.446	4 5 6 7 8 9 10 11 12 RPM=700 Mon Transducer 1 2 3	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514 H=53.72 May Average (p sc-01 0.000 0.030 0.426	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535 P=49.67 sid) sc-02 0.000 0.030 0.266	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) = 15:59:12 Average (psecol) 7.204 7.234 7.630	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732 7.204 1994 sia) sc-02 7.204 7.234 7.470
5 6 7 8 9 10 11 12 RPM=680 Mon Transducer 1 2 3 4	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479 H=53.50 May Average (ps sc-01 0.000 0.030 0.399 0.389	0.221 0.195 0.261 0.533 0.535 0.498 0.000 0.498 P=49.62 sid) sc-02 0.000 0.030 0.249 0.221	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) = 9 15:56:52 Average (psi sc-01 7.197 7.227 7.596 7.585	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700 7.197 1994 a) sc-02 7.196 7.227 7.446 7.417	4 5 6 7 8 9 10 11 12 RPM=700 Mon Transducer 1 2 3	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514 H=53.72 May Average (p sc-01 0.000 0.030 0.426 0.416	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535 P=49.67 sid) sc-02 0.000 0.030 0.266 0.235	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) = 15:59:12 Average (psi) = 12.04 7.234 7.630 7.620	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732 7.204 1994 sia) sc-02 7.204 7.234 7.470 7.439
5 6 7 8 9 10 11 12 RPM=680 Mon Transducer 1 2 3 4 5	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479 H=53.50 May Average (ps sc-01 0.000 0.030 0.399	0.221 0.195 0.261 0.533 0.535 0.498 0.000 0.498 P=49.62 sid) sc-02 0.000 0.030 0.249	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) = 9 9 15:56:52 Average (psi sc-01 7.197 7.227 7.596 7.585 7.578	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700 7.197 1994 a) sc-02 7.196 7.227 7.446 7.417 7.492	4 5 6 7 8 9 10 11 12 RPM=700 Mon Transducer 1 2 3 4 5	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514 H=53.72 May Average (p sc-01 0.000 0.030 0.426	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535 P=49.67 sid) sc-02 0.000 0.030 0.266	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) = 15:59:12 Average (psecol) 7.204 7.234 7.630	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732 7.204 1994 sia) sc-02 7.204 7.234 7.470
5 6 7 8 9 10 11 12 RPM=680 Mon Transducer 1 2 3 4	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479 H=53.50 May Average (ps sc-01 0.000 0.030 0.399 0.389	0.221 0.195 0.261 0.533 0.535 0.498 0.000 0.498 P=49.62 sid) sc-02 0.000 0.030 0.249 0.221	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) = 9 15:56:52 Average (psi sc-01 7.197 7.227 7.596 7.585	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700 7.197 1994 a) sc-02 7.196 7.227 7.446 7.417	4 5 6 7 8 9 10 11 12 RPM=700 Mon Transducer 1 2 3	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514 H=53.72 May Average (p sc-01 0.000 0.030 0.426 0.416	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535 P=49.67 sid) sc-02 0.000 0.030 0.266 0.235	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) = 15:59:12 Average (psi) = 12.04 7.234 7.630 7.620	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732 7.204 1994 sia) sc-02 7.204 7.234 7.470 7.439
5 6 7 8 9 10 11 12 RPM=680 Mon Transducer 1 2 3 4 5	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479 H=53.50 May Average (ps sc-01 0.000 0.030 0.399 0.389 0.381	0.221 0.195 0.261 0.533 0.535 0.498 0.000 0.498 P=49.62 sid) sc-02 0.000 0.030 0.249 0.221 0.295	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) = 9 9 15:56:52 Average (psi sc-01 7.197 7.227 7.596 7.585 7.578	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700 7.197 1994 a) sc-02 7.196 7.227 7.446 7.417 7.492	4 5 6 7 8 9 10 11 12 RPM=700 Mon Transducer 1 2 3 4 5	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514 H=53.72 May Average (p sc-01 0.000 0.030 0.426 0.416 0.409 0.403	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535 P=49.67 sid) sc-02 0.000 0.030 0.266 0.235 0.315 0.643	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) = 15:59:12 Average (psi) 5.04 7.204 7.234 7.630 7.620 7.613	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732 7.204 1994 sia) sc-02 7.204 7.234 7.470 7.439 7.519
5 6 7 8 9 10 11 12 RPM=680 Mon Transducer 1 2 3 4 5 6 7	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479 H=53.50 May Average (ps sc-01 0.000 0.030 0.399 0.389 0.381 0.375 0.370	0.221 0.195 0.261 0.533 0.535 0.535 0.498 0.000 0.498 P=49.62 sid) sc-02 0.000 0.030 0.249 0.221 0.295 0.603 0.605	7.556 7.546 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) = 9 15:56:52 Average (psi sc-01 7.197 7.227 7.596 7.585 7.578 7.572 7.566	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700 7.202 7.700 7.197 1994 a) sc-02 7.196 7.227 7.446 7.417 7.492 7.800 7.802	4 5 6 7 8 9 10 11 12 RPM=700 Mon Transducer 1 2 3 4 5 6 7	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514 H=53.72 May Average (p sc-01 0.000 0.030 0.426 0.416 0.409 0.403 0.395	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535 P=49.67 sid) sc-02 0.000 0.030 0.266 0.235 0.315 0.643 0.645	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) = 15:59:12 Average (psi) 5.04 7.204 7.234 7.630 7.620 7.613 7.607 7.598	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732 7.204 1994 sia) sc-02 7.204 7.234 7.470 7.439 7.519 7.847 7.849
5 6 7 8 9 10 11 12 RPM=680 Mon Transducer 1 2 3 4 5 6 7 8	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479 H=53.50 May Average (ps sc-01 0.000 0.030 0.399 0.389 0.381 0.375 0.370 0.808	0.221 0.195 0.261 0.533 0.535 0.535 0.498 0.000 0.498 P=49.62 sid) sc-02 0.000 0.030 0.249 0.221 0.295 0.603 0.605 0.605	7.556 7.546 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) = 9 15:56:52 Average (psi sc-01 7.197 7.227 7.596 7.585 7.578 7.572 7.566 8.004	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700 7.197 1994 a) sc-02 7.196 7.227 7.446 7.417 7.492 7.800 7.802 7.801	4 5 6 7 8 9 10 11 12 RPM=700 Mon Transducer 1 2 3 4 5 6 7 8	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514 H=53.72 May Average (psc-01 0.000 0.030 0.426 0.416 0.409 0.403 0.395 0.863	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535 P=49.67 sid) sc-02 0.000 0.030 0.266 0.235 0.315 0.643 0.645 0.644	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) = 15:59:12 Average (psc-01) 7.204 7.234 7.630 7.620 7.613 7.607 7.598 8.067	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732 7.204 1994 sia) sc-02 7.204 7.234 7.470 7.439 7.519 7.847 7.849 7.848
5 6 7 8 9 10 11 12 RPM=680 Mon Transducer 1 2 3 4 5 6 7 8 9	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479 H=53.50 May Average (ps sc-01 0.000 0.030 0.399 0.389 0.381 0.375 0.370 0.808 0.784	0.221 0.195 0.261 0.533 0.535 0.535 0.498 0.000 0.498 P=49.62 sid) sc-02 0.000 0.030 0.249 0.221 0.295 0.603 0.605 0.605 0.565	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) = 9 15:56:52 Average (psi sc-01 7.197 7.227 7.596 7.585 7.578 7.572 7.566 8.004 7.981	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700 7.197 1994 a) sc-02 7.196 7.227 7.446 7.417 7.492 7.800 7.802 7.801 7.761	4 5 6 7 8 9 10 11 12 RPM=700 Mon Transducer 1 2 3 4 5 6 7	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514 H=53.72 May Average (p sc-01 0.000 0.030 0.426 0.416 0.409 0.403 0.395 0.863 0.837	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535 P=49.67 sid) sc-02 0.000 0.030 0.266 0.235 0.315 0.643 0.645 0.644 0.603	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) = 15:59:12 Average (psec-01) 7.204 7.234 7.630 7.620 7.613 7.607 7.598 8.067 8.040	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732 7.204 1994 sia) sc-02 7.204 7.234 7.470 7.439 7.519 7.847 7.849 7.848 7.806
5 6 7 8 9 10 11 12 RPM=680 Mon Transducer 1 2 3 4 5 6 7 8 9 10	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479 H=53.50 May Average (ps sc-01 0.000 0.030 0.399 0.389 0.381 0.375 0.370 0.808 0.784 0.722	0.221 0.195 0.261 0.533 0.535 0.535 0.498 0.000 0.498 P=49.62 sid) sc-02 0.000 0.030 0.249 0.221 0.295 0.603 0.605 0.605 0.565 0.000	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) = 9 15:56:52 Average (psi sc-01 7.197 7.227 7.596 7.585 7.578 7.572 7.566 8.004 7.981 7.919	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700 7.197 1994 a) sc-02 7.196 7.227 7.446 7.417 7.492 7.800 7.802 7.801 7.761 7.196	4 5 6 7 8 9 10 11 12 RPM=700 Mon Transducer 1 2 3 4 5 6 7 8	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514 H=53.72 May Average (psc-01 0.000 0.030 0.426 0.416 0.409 0.403 0.395 0.863 0.837 0.770	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535 P=49.67 sid) sc-02 0.000 0.030 0.266 0.235 0.315 0.643 0.645 0.644 0.603 0.000	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) = 15:59:12 Average (psc-01) 7.204 7.234 7.630 7.620 7.613 7.607 7.598 8.067 8.040 7.974	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732 7.204 1994 sia) sc-02 7.204 7.234 7.470 7.439 7.519 7.847 7.849 7.848 7.806 7.204
5 6 7 8 9 10 11 12 RPM=680 Mon Transducer 1 2 3 4 5 6 7 8 9	0.344 0.337 0.332 0.325 0.712 0.692 0.637 0.588 0.479 H=53.50 May Average (ps sc-01 0.000 0.030 0.399 0.389 0.381 0.375 0.370 0.808 0.784	0.221 0.195 0.261 0.533 0.535 0.535 0.498 0.000 0.498 P=49.62 sid) sc-02 0.000 0.030 0.249 0.221 0.295 0.603 0.605 0.605 0.565	7.556 7.546 7.539 7.534 7.527 7.915 7.894 7.840 7.790 7.681 P (psi) = 9 15:56:52 Average (psi sc-01 7.197 7.227 7.596 7.585 7.578 7.572 7.566 8.004 7.981	7.398 7.463 7.735 7.738 7.737 7.700 7.202 7.700 7.197 1994 a) sc-02 7.196 7.227 7.446 7.417 7.492 7.800 7.802 7.801 7.761	4 5 6 7 8 9 10 11 12 RPM=700 Mon Transducer 1 2 3 4 5 6 7	0.368 0.361 0.356 0.349 0.764 0.743 0.683 0.630 0.514 H=53.72 May Average (p sc-01 0.000 0.030 0.426 0.416 0.409 0.403 0.395 0.863 0.837	0.210 0.281 0.572 0.574 0.574 0.535 0.000 0.535 P=49.67 sid) sc-02 0.000 0.030 0.266 0.235 0.315 0.643 0.645 0.644 0.603	7.565 7.558 7.552 7.546 7.960 7.939 7.879 7.826 7.710 P (psi) = 15:59:12 Average (psec-01) 7.204 7.234 7.630 7.620 7.613 7.607 7.598 8.067 8.040	7.406 7.477 7.769 7.771 7.771 7.732 7.196 7.732 7.204 1994 sia) sc-02 7.204 7.234 7.470 7.439 7.519 7.847 7.849 7.848 7.806

RPM=720 Mon	H=53.98 May	P=49.55	9 16:02:07	1994	RPM=740 Mon	H=54.17 May Average (P (psi) = 9 16:04:07 Average (p	1994
	Average (p		Average (p		T	sc-01	sc-02	sc-01	sc-02
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer		0.000	7.179	7.179
1	0.000	0.000	7.186	7.186	1	0.000			7.210
2	0.030	0.030	7.217	7.217	2	0.030	0.030	7.210	
3	0.454	0.285	7.641	7.471	3	0.478	0.299	7.657	7.478
4 .	0.444	0.253	7.630	7.439	4	0.465	0.266	7.644	7.445
5	0.436	0.338	7.622	7.524	5	0.455	0.355	7.634	7.534
6	0.430	0.688	7.617	7.874	6	0.447	0.723	7.627	7.902
7	0.422	0.689	7.609	7.875	7	0.439	0.725	7.618	7.904
8	0.921	0.688	8.107	7.875	8	0.964	0.724	8.143	7.903
9	0.893	0.644	8.080	7.830	9	0.940	0.678	8.119	7.857
10	0.822	0.000	8.008	7.186	10	0.864	0.000	8.043	7.179
	0.822	0.643	7.943	7.830	11	0.795	0.677	7.974	7.856
11		0.643		7.830	12	0.793	0.077	7.827	7.050
12	0.615		7.801		12	0.047		1.021	
RPM=760	H=54.40	P=49.44	P (psi) =	7.170	RPM=780	H=54.67	P=49.40	P (psi) =	7.165
Mon	May		9 16:06:31		Mon	May		9 16:09:01	
MOII	Average (anid)	Average (p		111071	Average (Average (p	
	0 12	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
Transducer	sc-01					0.000	0.000	7.165	7.164
1	0.000	0.000	7.171	7.170	1				7.195
2	0.030	0.030	7.201	7.201	2	0.031	0.031	7.195	
3	0.507	0.319	7.677	7.489	3	0.538	0.339	7.702	7.504
4	0.493	0.283	7.663	7.453	4	0.524	0.301	7.689	7.466
5	0.483	0.378	7.653	7.548	5	0.515	0.402	7.680	7.567
6	0.476	0.765	7.646	7.936	6	0.507	0.814	7.672	7.979
7	0.467	0.767	7.637	7.938	7	0.499	0.816	7.663	7.981
8	1.021	0.767	8.191	7.937	8	1.085	0.815	8.250	7.980
9	0.993	0.719	8.164	7.889	9	1.059	0.765	8.223	7.930
10	0.912	0.000	8.082	7.171	10	0.971	0.000	8.135	7.165
11	0.841	0.718	8.011	7.888	11	0.895	0.764	8.059	7.929
12	0.683	0.710	7.853	,,,,,,,	12	0.727		7.892	
12	0.005		7.000						
RPM=800	H=54.93	P=49.40	P (psi) =	7.165	RPM=820	H=55.27	P=49.41	P (psi) =	
RPM=800 Mon	H≃54.93 May	P=49.40	P (psi) = 9 16:11:48		RPM=820 Mon	H=55.27 May		P (psi) = 9 16:15:51	
	May			1994					1994
			9 16:11:48	1994		May		9 16:15:51	1994
Mon Transducer	May Average (p	psid)	9 16:11:48 Average (p	3 1994 sia)	Mon	May Average (psid)	9 16:15:51 Average (p	1994 osia)
Mon Transducer 1	May Average (p sc-01 0.000	psid) sc-02 0.000	9 16:11:48 Average (p sc-01 7.165	3 1994 osia) sc-02 7.165	Mon Transducer	May Average (sc-01	psid) sc-02	9 16:15:51 Average (p sc-01	1994 osia) sc-02
Mon Transducer 1 2	May Average (p sc-01 0.000 0.031	psid) sc-02 0.000 0.030	9 16:11:48 Average (p sc-01 7.165 7.195	3 1994 sia) sc-02 7.165 7.195	Mon Transducer 1	May Average (sc-01 0.001	psid) sc-02 0.000	9 16:15:51 Average (p sc-01 7.167	1994 osia) sc-02 7.166
Mon Transducer 1 2 3	May Average (p sc-01 0.000 0.031 0.565	psid) sc-02 0.000 0.030 0.356	9 16:11:48 Average (p sc-01 7.165 7.195 7.730	3 1994 sia) sc-02 7.165 7.195 7.521	Mon Transducer 1 2 3	May Average (sc-01 0.001 0.031 0.600	psid) sc-02 0.000 0.030 0.380	9 16:15:51 Average (p sc-01 7.167 7.197	1994 osia) sc-02 7.166 7.196 7.546
Mon Transducer 1 2 3 4	May Average (1 sc-01 0.000 0.031 0.565 0.548	psid) sc-02 0.000 0.030 0.356 0.316	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713	3 1994 sia) sc-02 7.165 7.195 7.521 7.481	Mon Transducer 1 2 3 4	May Average (sc-01 0.001 0.031 0.600 0.583	psid) sc-02 0.000 0.030 0.380 0.339	9 16:15:51 Average (p sc-01 7.167 7.197 7.766 7.750	1994 osia) sc-02 7.166 7.196 7.546 7.505
Mon Transducer 1 2 3 4 5	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537	sc-02 0.000 0.030 0.356 0.316 0.422	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702	3 1994 sia) sc-02 7.165 7.195 7.521 7.481 7.587	Mon Transducer 1 2 3 4 5	May Average (sc-01 0.001 0.031 0.600 0.583 0.571	psid) sc-02 0.000 0.030 0.380 0.339 0.450	9 16:15:51 Average (p sc-01 7.167 7.197 7.766 7.750 7.737	1994 osia) sc-02 7.166 7.196 7.546 7.505 7.616
Mon Transducer 1 2 3 4 5	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529	sc-02 0.000 0.030 0.356 0.316 0.422 0.854	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693	3 1994 sia) sc-02 7.165 7.195 7.521 7.481 7.587 8.018	Mon Transducer 1 2 3 4 5 6	May Average (psid) sc-02 0.000 0.030 0.380 0.339 0.450 0.906	9 16:15:51 Average (psc-01 7.167 7.197 7.766 7.750 7.737 7.728	1994 osia) sc-02 7.166 7.196 7.546 7.505 7.616 8.072
Mon Transducer 1 2 3 4 5 6 7	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521	sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021	Mon Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553	psid) sc-02 0.000 0.030 0.380 0.339 0.450 0.906 0.909	9 16:15:51 Average (psc-01 7.167 7.197 7.766 7.750 7.737 7.728 7.719	1994 sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075
Mon Transducer 1 2 3 4 5 6 7	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137	sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019	Mon Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206	psid) sc-02 0.000 0.030 0.380 0.339 0.450 0.906 0.909 0.908	9 16:15:51 Average (psc-01 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372	1994 sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074
Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110	sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968	Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178	psid) sc-02 0.000 0.030 0.380 0.339 0.450 0.906 0.909 0.908 0.853	9 16:15:51 Average (psc-01) 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344	1994 sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019
Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017	sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165	Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080	psid) sc-02 0.000 0.030 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000	9 16:15:51 Average (psc-01) 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246	1994 sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166
Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110	sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995	psid) sc-02 0.000 0.030 0.380 0.339 0.450 0.906 0.909 0.908 0.853	9 16:15:51 Average (psc-01) 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161	1994 sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019
Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017	sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165	Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080	psid) sc-02 0.000 0.030 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000	9 16:15:51 Average (psc-01) 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246	1994 sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760	sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803 0.000 0.802	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805	psid) sc-02 0.000 0.030 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852	9 16:15:51 Average (psc-01) 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971	1994 sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840	May Average (g sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54	sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) =	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=860	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82	sc-02 0.000 0.030 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852	9 16:15:51 Average (psc-01) 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) =	1994 sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (g sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54 May	sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803 0.000 0.802	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) = 9 16:18:38	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82 May	sc-02 0.000 0.030 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852	9 16:15:51 Average (psc-01) 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) = 9 16:20:47	1994 sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Mon	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54 May Average (1	sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803 0.000 0.802	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) =	sia) sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967 7.162 5 1994 ssia)	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=860 Mon	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82 May Average (psid) sc-02 0.000 0.030 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852 P=49.31	9 16:15:51 Average (psc-01) 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) = 9 16:20:47 Average (psc-01)	1994 sia) sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840	May Average (g sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54 May	sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.855 0.803 0.000 0.802 P=49.38 psid) sc-02	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) = 9 16:18:38 Average (p sc-01	sia) sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967 7.162 5 1994 sia) sc-02	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=860 Mon Transducer	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82 May Average (sc-01	sc-02 0.000 0.030 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852 P=49.31	9 16:15:51 Average (psc-01) 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) = 9 16:20:47 Average (psc-01)	1994 sia) sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018 7.152 7.1994 sia) sc-02
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Mon	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54 May Average (1	sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.855 0.803 0.000 0.802 P=49.38	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) = 9 16:18:38 Average (p	sia) sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967 7.162 5 1994 ssia)	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=860 Mon Transducer 1	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82 May Average (sc-01 0.001	psid) sc-02 0.000 0.030 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852 P=49.31	9 16:15:51 Average (psc-01) 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) = 9 16:20:47 Average (psc-01) 7.152	1994 sia) sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018 7.152 7.152 7.152 7.152
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Mon Transducer	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54 May Average (1 sc-01 sc-0	sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.855 0.803 0.000 0.802 P=49.38 psid) sc-02	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) = 9 16:18:38 Average (p sc-01	sia) sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967 7.162 5 1994 sia) sc-02	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=860 Mon Transducer	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82 May Average (sc-01	sc-02 0.000 0.030 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852 P=49.31	9 16:15:51 Average (psc-01 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) = 9 16:20:47 Average (psc-01 7.152 7.183	1994 sia) sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018 7.152 7.152 7.152 7.152 7.152 7.152 7.152 7.152
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Mon Transducer 1	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54 May Average (1 sc-01 0.001	sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803 0.000 0.802 P=49.38 psid) sc-02 0.000	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) = 9 16:18:38 Average (p sc-01 7.162	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967 7.162 5 1994 ssia) sc-02 7.162	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=860 Mon Transducer 1	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82 May Average (sc-01 0.001	psid) sc-02 0.000 0.030 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852 P=49.31 psid) sc-02 0.000	9 16:15:51 Average (psc-01) 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) = 9 16:20:47 Average (psc-01) 7.152	1994 sia) sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018 7.152 7.152 7.152 7.152
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Mon Transducer 1 2 3	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54 May Average (1 sc-01 0.001 0.031 0.632	psid) sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803 0.000 0.802 P=49.38 psid) sc-02 0.000 0.031 0.400	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) = 9 16:18:36 Average (p sc-01 7.162 7.193 7.794	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967 7.162 5 1994 sia) sc-02 7.162 7.162 7.162 7.162 7.162 7.162 7.162 7.162 7.162	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=860 Mon Transducer 1 2	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82 May Average (sc-01 0.001 0.031	psid) sc-02 0.000 0.030 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852 P=49.31 psid) sc-02 0.000 0.031	9 16:15:51 Average (psc-01 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) = 9 16:20:47 Average (psc-01 7.152 7.183	1994 sia) sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018 7.152 7.152 7.152 7.152 7.152 7.152 7.152 7.152
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Mon Transducer 1 2 3 4	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54 May Average (1 sc-01 0.001 0.031 0.632 0.614	psid) sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803 0.000 0.802 P=49.38 psid) sc-02 0.000 0.031 0.400 0.355	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) = 9 16:18:36 Average (p sc-01 7.162 7.193 7.794 7.776	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967 7.162 5 1994 sia) sc-02 7.162 7.162 7.162 7.162 7.162 7.162 7.162 7.162 7.162 7.162 7.162	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=860 Mon Transducer 1 2 3 4	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82 May Average (sc-01 0.001 0.031 0.663 0.647	psid) sc-02 0.000 0.330 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852 P=49.31 psid) sc-02 0.000 0.031 0.421 0.374	9 16:15:51 Average (psc-01 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) = 9 16:20:47 Average (psc-01 7.152 7.183 7.814 7.798	1994 sia) sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018 7.152 7.152 7.152 7.152 7.152 7.152 7.152 7.152 7.152 7.152 7.152
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Mon Transducer 1 2 3 4 5	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54 May Average (1 sc-01 0.001 0.031 0.632 0.614 0.601	psid) sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803 0.000 0.802 P=49.38 psid) sc-02 0.000 0.031 0.400 0.355 0.473	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) = 9 16:18:36 Average (p sc-01 7.162 7.193 7.794 7.776 7.762	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967 7.162 5 1994 sia) sc-02 7.162 7.162 7.162 7.162 7.163 5	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=860 Mon Transducer 1 2 3 4 5	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82 May Average (sc-01 0.001 0.031 0.663 0.647 0.634	psid) sc-02 0.000 0.330 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852 P=49.31 psid) sc-02 0.000 0.031 0.421 0.374 0.498	9 16:15:51 Average (psc-01 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) = 16:20:47 Average (psc-01 7.152 7.183 7.814 7.798 7.785	1994 sia) sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018 7.152 7.152 7.152 7.152 7.162 7.162 7.164 0sia)
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Mon Transducer 1 2 3 4 5 6	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54 May Average (1 sc-01 0.001 0.031 0.632 0.614 0.601 0.591	psid) sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803 0.000 0.802 P=49.38 psid) sc-02 0.000 0.031 0.400 0.355 0.473 0.951	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) = 9 16:18:36 Average (p sc-01 7.162 7.193 7.794 7.776 7.762 7.753	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967 7.162 5 1994 sia) sc-02 7.162 7.162 7.162 7.162 7.162 7.162 7.163 8.113	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=860 Mon Transducer 1 2 3 4 5 6	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82 May Average (sc-01 0.001 0.031 0.663 0.647 0.634 0.624	psid) sc-02 0.000 0.330 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852 P=49.31 psid) sc-02 0.000 0.031 0.421 0.374 0.498 1.000	9 16:15:51 Average (psc-01 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) = 9 16:20:47 Average (psc-01 7.152 7.183 7.814 7.798 7.785 7.775	1994 sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018 7.152 7.152 7.152 7.152 7.152 7.162 7.164 9.151
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Mon Transducer 1 2 3 4 5 6 7	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54 May Average (1 sc-01 0.001 0.031 0.632 0.614 0.601 0.591 0.581	psid) sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803 0.000 0.802 P=49.38 psid) sc-02 0.000 0.031 0.400 0.355 0.473 0.951 0.954	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) = 9 16:18:36 Average (p sc-01 7.162 7.193 7.794 7.776 7.762 7.753 7.743	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967 7.162 5 1994 sia) sc-02 7.162 7.162 7.162 7.162 5.192 7.562 7.517 7.635 8.113 8.116	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=860 Mon Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82 May Average (sc-01 0.001 0.031 0.663 0.647 0.634 0.624 0.614	psid) sc-02 0.000 0.330 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852 P=49.31 psid) sc-02 0.000 0.031 0.421 0.374 0.498 1.000 1.003	9 16:15:51 Average (psc-01 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) = 9 16:20:47 Average (psc-01 7.152 7.183 7.814 7.798 7.785 7.765	1994 sia) sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018 7.152 7.1994 sia) sc-02 7.152 7.182 7.526 7.649 8.151 8.154
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Mon Transducer 1 2 3 4 5 6 7 8	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54 May Average (1 sc-01 0.031 0.632 0.614 0.601 0.591 0.581 1.266	psid) sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803 0.000 0.802 P=49.38 psid) sc-02 0.000 0.031 0.400 0.355 0.473 0.951 0.954 0.953	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) = 9 16:18:36 Average (p sc-01 7.162 7.193 7.794 7.776 7.762 7.753 7.743 8.428	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967 7.162 5 1994 sia) sc-02 7.162 7.162 7.162 7.162 5.113 8.116 8.115	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=860 Mon Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82 May Average (sc-01 0.001 0.031 0.663 0.647 0.634 0.624 0.614 1.334	psid) sc-02 0.000 0.330 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852 P=49.31 psid) sc-02 0.000 0.031 0.421 0.374 0.498 1.000 1.003 1.002	9 16:15:51 Average (psc-01 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) = 9 16:20:47 Average (psc-01 7.152 7.183 7.814 7.798 7.785 7.765 8.486	1994 sia) sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018 7.152 7.1994 sia) sc-02 7.152 7.182 7.526 7.649 8.151 8.154 8.153
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54 May Average (1 sc-01 0.031 0.632 0.614 0.601 0.591 0.581 1.266 1.238	psid) sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803 0.000 0.802 P=49.38 psid) sc-02 0.000 0.031 0.400 0.355 0.473 0.951 0.954 0.953 0.896	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) = 9 16:18:36 Average (p sc-01 7.162 7.193 7.794 7.776 7.762 7.753 7.743 8.428 8.400	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967 7.162 5 1994 sia) sc-02 7.162 7.162 7.162 7.162 5.192 7.562 7.517 7.635 8.113 8.116 8.115 8.058	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=860 Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82 May Average (sc-01 0.001 0.031 0.663 0.647 0.634 0.624 0.614 1.334 1.306	psid) sc-02 0.000 0.330 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852 P=49.31 psid) sc-02 0.000 0.031 0.421 0.374 0.498 1.000 1.003 1.002 0.943	9 16:15:51 Average (psc-01 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) = 9 16:20:47 Average (psc-01 7.152 7.183 7.814 7.798 7.785 7.765 8.486 8.457	1994 sia) sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018 7.152 7.1994 sia) sc-02 7.152 7.182 7.526 7.649 8.151 8.154 8.153 8.094
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54 May Average (1 sc-01 0.001 0.031 0.632 0.614 0.601 0.591 0.581 1.266 1.238 1.134	psid) sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803 0.000 0.802 P=49.38 psid) sc-02 0.000 0.031 0.400 0.355 0.473 0.951 0.954 0.953 0.896 0.000	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) = 9 16:18:38 Average (p sc-01 7.162 7.193 7.794 7.776 7.762 7.753 7.743 8.428 8.400 8.296	sc-02 7.165 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967 7.162 5 1994 sia) sc-02 7.162 7.162 7.162 7.162 5.192 7.562 7.162 7.635 8.113 8.116 8.115 8.058 7.162	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=860 Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82 May Average (sc-01 0.001 0.031 0.663 0.647 0.634 0.624 0.614 1.334 1.306 1.196	psid) sc-02 0.000 0.330 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852 P=49.31 psid) sc-02 0.000 0.031 0.421 0.374 0.498 1.000 1.003 1.002 0.943 0.000	9 16:15:51 Average (psc-01) 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) = 9 16:20:47 Average (psc-01) 7.152 7.183 7.814 7.798 7.785 7.765 8.486 8.457 8.348	1994 (sia) sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018 7.152 7.1994 (sia) sc-02 7.152 7.182 7.182 7.526 7.649 8.151 8.154 8.153 8.094 7.152
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (1 sc-01 0.000 0.031 0.565 0.548 0.537 0.529 0.521 1.137 1.110 1.017 0.937 0.760 H=55.54 May Average (1 sc-01 0.031 0.632 0.614 0.601 0.591 0.581 1.266 1.238	psid) sc-02 0.000 0.030 0.356 0.316 0.422 0.854 0.856 0.855 0.803 0.000 0.802 P=49.38 psid) sc-02 0.000 0.031 0.400 0.355 0.473 0.951 0.954 0.953 0.896	9 16:11:48 Average (p sc-01 7.165 7.195 7.730 7.713 7.702 7.693 7.685 8.301 8.274 8.181 8.102 7.924 P (psi) = 9 16:18:36 Average (p sc-01 7.162 7.193 7.794 7.776 7.762 7.753 7.743 8.428 8.400	sc-02 7.165 7.195 7.521 7.481 7.587 8.018 8.021 8.019 7.968 7.165 7.967 7.162 5 1994 sia) sc-02 7.162 7.162 7.162 7.162 5.192 7.562 7.517 7.635 8.113 8.116 8.115 8.058	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=860 Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.001 0.031 0.600 0.583 0.571 0.562 0.553 1.206 1.178 1.080 0.995 0.805 H=55.82 May Average (sc-01 0.001 0.031 0.663 0.647 0.634 0.624 0.614 1.334 1.306	psid) sc-02 0.000 0.330 0.380 0.339 0.450 0.906 0.909 0.908 0.853 0.000 0.852 P=49.31 psid) sc-02 0.000 0.031 0.421 0.374 0.498 1.000 1.003 1.002 0.943	9 16:15:51 Average (psc-01 7.167 7.197 7.766 7.750 7.737 7.728 7.719 8.372 8.344 8.246 8.161 7.971 P (psi) = 9 16:20:47 Average (psc-01 7.152 7.183 7.814 7.798 7.785 7.765 8.486 8.457	1994 (sia) sc-02 7.166 7.196 7.546 7.505 7.616 8.072 8.075 8.074 8.019 7.166 8.018 7.152 7.1994 (sia) sc-02 7.152 7.182 7.526 7.649 8.151 8.154 8.153 8.094

DSTO-TN-0150

RPM=880 Mon	H=56.08 M ay	P=49.25	P (psi) = 9 16:23:1	7.143 3 1994	RPM≔900 Mon	H=56.33 May		P (psi) = 9 16:25:1	
	Average ((psid)	Average (osia)		Average ((psid)	Average	(psia)
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	_	sc-02	sc-01	sc-02
1	0.001	0.000	7.144	7.143	1	0.001	0.000	7.135	7.134
2	0.031	0.031	7.174	7.174	2	0.031	0.031	7.166	7.165
3	0.699	0.444	7.842	7.587	3	0.731	0.465	7.865	7.599
4	0.681	0.394	7.823	7.537	4	0.710	0.413	7.844	7.548
5	0.666	0.524	7.809	7.667	5	0.697	0.550	7.831	7.684
6	0.656	1.052	7.799	8.195	6	0.685		7.831	8.235
	0.646						1.101		
7		1.055	7.788	8.198	7	0.673	1.105	7.807	8.239
8	1.404	1.054	8.547	8.197	8	1.468	1.103	8.602	8.237
9	1.372	0.993	8.515	8.136	9	1.439	1.040	8.573	8.174
10	1.257	0.000	8.400	7.143	10	1.317	0.000	8.451	7.134
11	1.155	0.991	8.298	8.134	11	1.209	1.038	8.343	8.173
12	0.931		8.074		12	0.973		8.107	
RPM=920	H=56.65	P=49.15	P (psi) =	7.128	RPM=940	H=56.92	P=49.11	P (psi) =	7 123
Mon	May		9 16:28:01		Mon	May		9 16:30:0	
M.O.	Average (Average (p		WOII	Average (Average (
Transducer	sc-01	sc-02		sc-02	Tueneduese			0 ,	. ,
			sc-01		Transducer		sc-02	sc-01	sc-02
1	0.001	0.000	7.129	7.129	1	0.001	0.000	7.124	7.123
2	0.032	0.031	7.160	7.159	2	0.032	0.031	7.154	7.154
3	0.763	0.486	7.892	7.614	3	0.789	0.503	7.911	7.626
4	0.743	0.432	7.871	7.560	4	0.766	0.448	7.889	7.570
5	0.728	0.574	7.857	7.703	5	0.751	0.594	7.873	7.717
6	0.716	1.152	7.845	8.281	6	0.739	1.198	7.862	8.321
7	0.703	1.156	7.832	8.285	7	0.726	1.202	7.849	8.324
8	1.530	1.155	8.658	8.283	8	1.589	1.201	8.712	8.323
9	1.501	1.089	8.630	8.218	9	1.563	1.133	8.686	8.256
10	1.375	0.000	8.503	7.129	10	1.430	0.000	8.552	7.123
11	1.263	1.088	8.391	8.217	11	1.314	1.132	8.436	8.255
12	1.015	1.000	8.144	0.217	12	1.058	1.132	8.181	6.233
12	1.015		0.144		12	1.056		0.101	
RPM=960	H=57.19	P=49.05	P (psi) =	7.114	RPM=980	H=57.52	P=48.99	P (psi) =	
RPM=960 Mon	H=57.19 M ay		P (psi) = 9 16:32:21		RPM=980 Mon	H=57.52 M ay	P=48.99	,	
			1- ,	1994			9		1994
	May		9 16:32:21	1994		May	9	16:34:46	1994
Mon	May Average (p	osid)	9 16:32:21 Average (ps	1994 sia)	Mon	May Average (p	osid)	16:34:46 Average (I	i 1994 osia)
Mon Transducer	May Average (p sc-01	osid) sc-02	9 16:32:21 Average (ps sc-01	1994 sia) sc-02	Mon Transducer	May Average (p sc-01	osid) sc-02	16:34:46 Average (p	5 1994 osia) sc-02
Mon Transducer	May Average (p sc-01 0.001	sc-02 0.000	9 16:32:21 Average (ps sc-01 7.115	1994 sia) sc-02 7.114	Mon Transducer	May Average (p sc-01 0.001	sc-02 0.001	Average (1 sc-01 7.106	sc-02 7.106 7.136
Mon Transducer 1 2 3	May Average (p sc-01 0.001 0.032 0.823	sc-02 0.000 0.031 0.526	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937	1994 sia) sc-02 7.114 7.145 7.640	Mon Transducer 1 2 3	May Average (p sc-01 0.001 0.032 0.864	sc-02 0.001 0.031 0.551	9 16:34:46 Average (p sc-01 7.106 7.137 7.969	sc-02 7.106 7.136 7.656
Mon Transducer 1 2 3 4	May Average (p sc-01 0.001 0.032 0.823 0.800	sc-02 0.000 0.031 0.526 0.470	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914	1994 sia) sc-02 7.114 7.145 7.640 7.584	Mon Transducer 1 2 3 4	May Average (p sc-01 0.001 0.032 0.864 0.840	sc-02 0.001 0.031 0.551 0.491	9 16:34:46 Average (p sc-01 7.106 7.137 7.969 7.945	sc-02 7.106 7.136 7.656 7.596
Mon Transducer 1 2 3 4 5	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784	sc-02 0.000 0.031 0.526 0.470 0.621	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735	Mon Transducer 1 2 3 4 5	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824	sc-02 0.001 0.031 0.551 0.491 0.650	9 16:34:46 Average (p sc-01 7.106 7.137 7.969 7.945 7.929	sc-02 7.106 7.136 7.656 7.596 7.755
Mon Transducer 1 2 3 4 5 6	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772	sc-02 0.000 0.031 0.526 0.470 0.621 1.251	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365	Mon Transducer 1 2 3 4 5	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811	sc-02 0.001 0.031 0.551 0.491 0.650 1.311	9 16:34:46 Average (pse-01 7.106 7.137 7.969 7.945 7.929 7.916	sc-02 7.106 7.136 7.656 7.596 7.755 8.416
Mon Transducer 1 2 3 4 5 6 7	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759	sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369	Mon Transducer 1 2 3 4 5 6 7	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315	9 16:34:46 Average (g sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420
Mon Transducer 1 2 3 4 5 6 7 8	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653	sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367	Mon Transducer 1 2 3 4 5 6 7	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314	9 16:34:46 Average (g sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419
Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.635	sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298	Mon Transducer 1 2 3 4 5 6 7 8	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241	9 16:34:46 Average (g sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346
Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.635 1.495	sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114	Transducer 1 2 3 4 5 6 7 8 9	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000	9 16:34:46 Average (g sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.635 1.495 1.374	sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298	Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241	9 16:34:46 Average (g sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346
Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.635 1.495	sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114	Transducer 1 2 3 4 5 6 7 8 9	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000	9 16:34:46 Average (g sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.635 1.495 1.374	sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114	Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240	9 16:34:46 Average (g sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.635 1.495 1.374 1.103	sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) =	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240	9 16:34:46 Average (g sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Mon	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.635 1.495 1.374 1.103 H=57.82	sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) =	sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1020	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156 H=58.14	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240	9 16:34:46 Average (g sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262 P (psi) = 16:38:54	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Mon	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.635 1.495 1.374 1.103 H=57.82 May Average (p:	sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) = 16:36:46	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296 7.092 1994 ia)	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1020	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156 H=58.14 May Average (p	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240 	9 16:34:46 Average (g sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262 P (psi) = 16:38:54 Average (p	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Mon Transducer	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.635 1.495 1.374 1.103 H=57.82 May Average (p: sc-01	sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182 P=48.90 sc-02	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) = 9 16:36:46 Average (psi sc-01	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296 7.092 1994 ia) sc-02	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1020 Mon Transducer	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156 H=58.14 May Average (p sc-01	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240 P=48.82 9	9 16:34:46 Average (ysc-01) 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262 P (psi) = 16:38:54 Average (psc-01)	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345 7.080
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Mon Transducer 1	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.635 1.495 1.374 1.103 H=57.82 May Average (p: sc-01 0.002	sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182 P=48.90 sc-02 0.001	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) = 9 16:36:46 Average (psi sc-01 7.094	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296 7.092 1994 sa) sc-02 7.093	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1020 Mon Transducer 1	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156 H=58.14 May Average (p sc-01 0.001	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240 P=48.82 9 sid) sc-02 0.001	9 16:34:46 Average (1 sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262 P (psi) = 16:38:54 Average (p sc-01 7.082	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345 7.080 1994 sia) sc-02 7.081
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Mon Transducer 1 2	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.635 1.495 1.374 1.103 H=57.82 May Average (p: sc-01 0.002 0.032	sid) sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182 P=48.90 sid) sc-02 0.001 0.031	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) = 9 16:36:46 Average (ps sc-01 7.094 7.124	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296 7.092 1994 ia) sc-02 7.093 7.123	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1020 Mon Transducer 1 2	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156 H=58.14 May Average (p sc-01 0.001 0.032	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240 P=48.82 9 sid) sc-02 0.001 0.031	9 16:34:46 Average (1 sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262 P (psi) = 16:38:54 Average (p sc-01 7.082 7.113	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345 7.080 1994 sia) sc-02 7.081 7.112
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Mon Transducer 1 2 3	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.635 1.495 1.374 1.103 H=57.82 May Average (p: sc-01 0.002 0.032 0.900	sid) sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182 P=48.90 sid) sc-02 0.001 0.031 0.575	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) = 9 16:36:46 Average (ps sc-01 7.094 7.124 7.992	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296 7.092 1994 ia) sc-02 7.093 7.123 7.667	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1020 Mon Transducer 1 2 3	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156 H=58.14 May Average (p sc-01 0.001 0.032 0.944	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240 P=48.82 9 sid) sc-02 0.001 0.031 0.603	9 16:34:46 Average (1 sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262 P (psi) = 16:38:54 Average (p sc-01 7.082 7.113 8.024	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345 7.080 1994 sia) sc-02 7.081 7.112 7.683
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Mon Transducer 1 2 3 4	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.653 1.495 1.374 1.103 H=57.82 May Average (p: sc-01 0.002 0.032 0.900 0.875	sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182 P=48.90 sc-02 0.001 0.031 0.575 0.514	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) = 9 16:36:46 Average (psi sc-01 7.094 7.124 7.992 7.967	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296 7.092 1994 ia) sc-02 7.093 7.123 7.667 7.606	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1020 Mon Transducer 1 2 3 4	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156 H=58.14 May Average (p sc-01 0.001 0.032 0.944 0.915	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240 P=48.82 9 sid) sc-02 0.001 0.031 0.603 0.537	9 16:34:46 Average (1 sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262 P (psi) = 16:38:54 Average (p sc-01 7.082 7.113 8.024 7.996	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345 7.080 1994 sia) sc-02 7.081 7.112 7.683 7.617
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Mon Transducer 1 2 3 4 5	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.635 1.495 1.374 1.103 H=57.82 May Average (p: sc-01 0.002 0.032 0.900 0.875 0.860	sid) sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182 P=48.90 sc-02 0.001 0.031 0.575 0.514 0.679	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) = 9 16:36:46 Average (psi sc-01 7.094 7.124 7.992 7.967 7.952	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296 7.092 1994 ia) sc-02 7.093 7.123 7.667 7.606 7.771	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1020 Mon Transducer 1 2 3 4 5	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156 H=58.14 May Average (p sc-01 0.001 0.032 0.944 0.915 0.898	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240 P=48.82 9 sid) sc-02 0.001 0.031 0.603 0.537 0.710	9 16:34:46 Average (1 sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262 P (psi) = 16:38:54 Average (p sc-01 7.082 7.113 8.024 7.996 7.978	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345 7.080 1994 sia) sc-02 7.081 7.112 7.683 7.617 7.790
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Mon Transducer 1 2 3 4 5 6	May Average (p: sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.635 1.495 1.374 1.103 H=57.82 May Average (p: sc-01 0.002 0.032 0.900 0.875 0.860 0.848	sid) sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182 P=48.90 sc-02 0.001 0.031 0.575 0.514 0.679 1.367	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) = 16:36:46 Average (ps sc-01 7.094 7.124 7.992 7.967 7.952 7.940	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296 7.092 1994 ia) sc-02 7.093 7.123 7.667 7.606 7.771 8.459	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1020 Mon Transducer 1 2 3 4 5 6	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156 H=58.14 May Average (p sc-01 0.001 0.032 0.944 0.915 0.898 0.881	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240 P=48.82 9 sid) sc-02 0.001 0.031 0.603 0.537 0.710 1.428	9 16:34:46 Average (1 sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262 P (psi) = 16:38:54 Average (p sc-01 7.082 7.113 8.024 7.996	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345 7.080 1994 sia) sc-02 7.081 7.112 7.683 7.617 7.790 8.508
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Mon Transducer 1 2 3 4 5 6 7	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.653 1.495 1.374 1.103 H=57.82 May Average (p: sc-01 0.002 0.032 0.900 0.875 0.860 0.848 0.831	sid) sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182 P=48.90 sc-02 0.001 0.031 0.575 0.514 0.679 1.367 1.371	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) = 16:36:46 Average (ps sc-01 7.094 7.124 7.992 7.967 7.952 7.940 7.923	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296 7.092 1994 sa) sc-02 7.093 7.123 7.667 7.606 7.771 8.459 8.464	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1020 Mon Transducer 1 2 3 4 5 6 7	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156 H=58.14 May Average (p sc-01 0.001 0.032 0.944 0.915 0.898 0.881 0.865	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240 P=48.82 9 sid) sc-02 0.001 0.031 0.603 0.537 0.710	9 16:34:46 Average (1 sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262 P (psi) = 16:38:54 Average (1 7.082 7.113 8.024 7.996 7.978 7.962 7.946	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345 7.080 1994 sia) sc-02 7.081 7.112 7.683 7.617 7.790
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Mon Transducer 1 2 3 4 5 6 7 8	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.653 1.495 1.374 1.103 H=57.82 May Average (p sc-01 0.002 0.032 0.900 0.875 0.860 0.848 0.831 1.799	sid) sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182 P=48.90 sc-02 0.001 0.031 0.575 0.514 0.679 1.367 1.371 1.370	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) = 16:36:46 Average (ps sc-01 7.094 7.124 7.992 7.967 7.952 7.940 7.923 8.891	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296 7.092 1994 sa) sc-02 7.093 7.123 7.667 7.606 7.771 8.459 8.464 8.462	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1020 Mon Transducer 1 2 3 4 5 6	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156 H=58.14 May Average (p sc-01 0.001 0.032 0.944 0.915 0.898 0.881	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240 P=48.82 9 sid) sc-02 0.001 0.031 0.603 0.537 0.710 1.428	9 16:34:46 Average (1 sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262 P (psi) = 16:38:54 Average (p sc-01 7.082 7.113 8.024 7.996 7.978 7.962	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345 7.080 1994 sia) sc-02 7.081 7.112 7.683 7.617 7.790 8.508
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Mon Transducer 1 2 3 4 5 6 7	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.653 1.495 1.374 1.103 H=57.82 May Average (p: sc-01 0.002 0.032 0.900 0.875 0.860 0.848 0.831	sid) sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182 P=48.90 sc-02 0.001 0.031 0.575 0.514 0.679 1.367 1.371	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) = 16:36:46 Average (ps sc-01 7.094 7.124 7.992 7.967 7.952 7.940 7.923	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296 7.092 1994 sa) sc-02 7.093 7.123 7.667 7.606 7.771 8.459 8.464	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1020 Mon Transducer 1 2 3 4 5 6 7	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156 H=58.14 May Average (p sc-01 0.001 0.032 0.944 0.915 0.898 0.881 0.865	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240 P=48.82 sid) sc-02 0.001 0.031 0.603 0.537 0.710 1.428 1.431	9 16:34:46 Average (1 sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262 P (psi) = 16:38:54 Average (1 7.082 7.113 8.024 7.996 7.978 7.962 7.946	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345 7.080 1994 sia) sc-02 7.081 7.112 7.683 7.617 7.790 8.508 8.512
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Mon Transducer 1 2 3 4 5 6 7 8	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.653 1.495 1.374 1.103 H=57.82 May Average (p sc-01 0.002 0.032 0.900 0.875 0.860 0.848 0.831 1.799	sid) sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182 P=48.90 sc-02 0.001 0.031 0.575 0.514 0.679 1.367 1.371 1.370	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) = 16:36:46 Average (ps sc-01 7.094 7.124 7.992 7.967 7.952 7.940 7.923 8.891	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296 7.092 1994 sa) sc-02 7.093 7.123 7.667 7.606 7.771 8.459 8.464 8.462	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1020 Mon Transducer 1 2 3 4 5 6 7 8	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156 H=58.14 May Average (p sc-01 0.001 0.032 0.944 0.915 0.898 0.881 0.865 1.867	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240 P=48.82 9sid) sc-02 0.001 0.031 0.603 0.537 0.710 1.428 1.431 1.430	9 16:34:46 Average (1 sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262 P (psi) = 16:38:545 Average (1 7.082 7.113 8.024 7.996 7.978 7.962 7.946 8.947	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345 7.080 1994 sia) sc-02 7.081 7.112 7.683 7.617 7.790 8.508 8.512 8.510
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (p sc-01 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.653 1.495 1.374 1.103 H=57.82 May Average (p sc-01 0.002 0.032 0.900 0.875 0.860 0.848 0.831 1.799 1.787	sid) sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182 P=48.90 sc-02 0.001 0.031 0.575 0.514 0.679 1.367 1.371 1.370 1.296	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) = 16:36:46 Average (ps sc-01 7.094 7.124 7.992 7.967 7.952 7.940 7.923 8.891 8.879	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296 7.092 1994 sia) sc-02 7.093 7.123 7.667 7.606 7.771 8.459 8.464 8.462 8.388	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1020 Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156 H=58.14 May Average (p sc-01 0.001 0.032 0.944 0.915 0.898 0.881 0.865 1.867 1.862	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240 P=48.82 9 sid) sc-02 0.001 0.031 0.603 0.537 0.710 1.428 1.431 1.430 1.353	9 16:34:46 Average (I sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262 P (psi) = 16:38:54 Average (p sc-01 7.082 7.113 8.024 7.996 7.978 7.962 7.946 8.947 8.942	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345 7.080 1994 sia) sc-02 7.081 7.112 7.683 7.617 7.790 8.508 8.512 8.510 8.433
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (pseudo) 0.001 0.032 0.823 0.800 0.784 0.772 0.759 1.653 1.635 1.495 1.374 1.103 H=57.82 May Average (pseudo) 0.875 0.860 0.848 0.831 1.799 1.787 1.637	sid) sc-02 0.000 0.031 0.526 0.470 0.621 1.251 1.255 1.253 1.184 0.000 1.182 P=48.90 sc-02 0.001 0.031 0.575 0.514 0.679 1.367 1.371 1.370 1.296 0.001	9 16:32:21 Average (ps sc-01 7.115 7.146 7.937 7.914 7.898 7.886 7.873 8.766 8.748 8.609 8.488 8.217 P (psi) = 16:36:46 Average (psi sc-01 7.094 7.124 7.992 7.967 7.952 7.940 7.923 8.891 8.879 8.729	1994 sia) sc-02 7.114 7.145 7.640 7.584 7.735 8.365 8.369 8.367 8.298 7.114 8.296 7.092 1994 sia) sc-02 7.093 7.123 7.667 7.606 7.771 8.459 8.464 8.462 8.388 7.093	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1020 Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (p sc-01 0.001 0.032 0.864 0.840 0.824 0.811 0.795 1.733 1.712 1.568 1.440 1.156 H=58.14 May Average (p sc-01 0.001 0.032 0.944 0.915 0.898 0.881 0.865 1.867 1.862 1.708	sc-02 0.001 0.031 0.551 0.491 0.650 1.311 1.315 1.314 1.241 0.000 1.240 P=48.82 9 sid) sc-02 0.001 0.031 0.603 0.537 0.710 1.428 1.431 1.430 1.353 0.001	9 16:34:46 Average (I sc-01 7.106 7.137 7.969 7.945 7.929 7.916 7.900 8.838 8.817 8.673 8.545 8.262 P (psi) = 16:38:54 Average (I 7.082 7.113 8.024 7.996 7.978 7.962 7.946 8.947 8.942 8.788	sc-02 7.106 7.136 7.656 7.596 7.755 8.416 8.420 8.419 8.346 7.106 8.345 7.080 1994 sia) sc-02 7.081 7.112 7.683 7.617 7.790 8.508 8.512 8.510 8.433 7.081

RPM=1040	H=58.48	P=48.80	P (psi) =		RPM=1060	H=58.81 May	P=48.77	P (psi) = 9 16:43:46	
Mon	May	maid)	9 16:41:58 Average (ps		Mon	Average (Average (p	
Toonaduser	Average (psia) sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
Transducer	0.002	0.001	7.079	7.078	1	0.002	0.001	7.075	7.074
2	0.002	0.032	7.110	7.109	2	0.032	0.032	7.106	7.105
3	0.032	0.623	8.054	7.701	3	1.013	0.649	8.086	7.722
4	0.947	0.555	8.024	7.632	4	0.986	0.578	8.060	7.651
5	0.929	0.735	8.006	7.812	5	0.966	0.765	8.039	7.839
6	0.914	1.479	7.991	8.557	6	0.949	1.541	8.023	8.614
7	0.895	1.483	7.972	8.560	7	0.932	1.544	8.005	8.618
8	1.933	1.481	9.011	8.559	8	2.015	1.542	9.088	8.616
9	1.939	1.402	9.017	8.480	9	2.017	1.461	9.090	8.534
10	1.776	0.001	8.854	7.078	10	1.844	0.001	8.918	7.074
11	1.624	1.400	8.702	8.478	11	1.688	1.460	8.761	8.533
12	1.298	2	8.375		12	1.356		8.429	
	1.270								
RPM=1080	H=59.17	P=48.70	P (psi) =	7.063	RPM=1100	H=59.39	P=48.54	P (psi) =	7.040
Mon	May		9 16:46:29		Mon	May		9 16:48:00	1994
141011	Average (nsid)	Average (ps			Average (psid)	Average (p	sia)
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
1	0.002	0.001	7.065	7.064	1	0.002	0.001	7.042	7.041
2	0.032	0.032	7.095	7.095	2	0.033	0.032	7.073	7.072
3	1.053	0.677	8.117	7.740	3	1.093	0.703	8.133	7.743
4	1.023	0.604	8.086	7.668	4	1.061	0.628	8.101	7.668
5	1.002	0.796	8.065	7.859	5	1.039	0.826	8.079	7.866
6	0.984	1.602	8.047	8.665	6	1.019	1.659	8.059	8.699
7	0.965	1.606	8.028	8.669	7	1.001	1.664	8.040	8.704
8	2.103	1.604	9.166	8.667	8	2.166	1.661	9.206	8.701
9	2.096	1.521	9.159	8.584	9	2.172	1.576	9.212	8.615
10	1.916	0.001	8.979	7.064	10	1.986	0.001	9.025	7.041
11	1.753	1.519	8.816	8.582	11	1.816	1.574	8.856	8.614
12	1.407		8.470		12	1.464		8.504	
							D-40.44	D (n=i) =	7.035
RPM=1120	H=59.74	P=48.40			RPM=1140		P=48.44		
RPM=1120 Mon	May		9 16:50:13	1994	RPM=1140 Mon	May		9 16:53:41	1994
Mon	May Average ((psid)	9 16:50:13 Average (ps	1994 sia)	Mon	May Average (psid)	9 16:53:41 Average (p	1994 osia)
Mon Transducer	May Average (sc-01	(psid) sc-02	9 16:50:13 Average (ps sc-01	1994 sia) sc-02	Mon Transducer	May Average (sc-01	psid) sc-02	9 16:53:41 Average (p sc-01	1994 osia) sc-02
Mon Transducer 1	May Average (sc-01 0.002	(psid) sc-02 0.001	9 16:50:13 Average (ps sc-01 7.022	sia) sc-02 7.021	Mon Transducer 1	May Average (sc-01 0.002	psid) sc-02 0.001	9 16:53:41 Average (p sc-01 7.027	1994 osia) sc-02 7.027
Mon Transducer 1 2	May Average (sc-01 0.002 0.033	(psid) sc-02 0.001 0.032	9 16:50:13 Average (ps sc-01 7.022 7.053	sia) sc-02 7.021 7.052	Mon Transducer 1 2	May Average (sc-01 0.002 0.033	psid) sc-02 0.001 0.032	9 16:53:41 Average (p sc-01 7.027 7.058	1994 sia) sc-02 7.027 7.058
Mon Transducer 1 2 3	May Average (sc-01 0.002 0.033 1.136	(psid) sc-02 0.001 0.032 0.732	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156	sc-02 7.021 7.052 7.751	Mon Transducer 1 2 3	May Average (sc-01 0.002 0.033 1.184	psid) sc-02 0.001 0.032 0.763	9 16:53:41 Average (p sc-01 7.027 7.058 8.210	1994 sia) sc-02 7.027 7.058 7.789
Mon Transducer 1 2 3 4	May Average (sc-01 0.002 0.033 1.136 1.101	(psid) sc-02 0.001 0.032 0.732 0.654	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120	sia) sc-02 7.021 7.052 7.751 7.673	Mon Transducer 1 2 3 4	May Average (sc-01 0.002 0.033 1.184 1.146	sc-02 0.001 0.032 0.763 0.683	9 16:53:41 Average (p sc-01 7.027 7.058 8.210 8.171	1994 sia) sc-02 7.027 7.058 7.789 7.708
Mon Transducer 1 2 3 4 5	May Average (sc-01 0.002 0.033 1.136 1.101 1.077	(psid) sc-02 0.001 0.032 0.732 0.654 0.861	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097	sia) sc-02 7.021 7.052 7.751 7.673 7.880	Mon Transducer 1 2 3 4 5	May Average (sc-01 0.002 0.033 1.184 1.146 1.121	sc-02 0.001 0.032 0.763 0.683 0.898	9 16:53:41 Average (p sc-01 7.027 7.058 8.210 8.171 8.146	1994 sia) sc-02 7.027 7.058 7.789
Transducer 1 2 3 4 5	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059	(psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748	Mon Transducer 1 2 3 4	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100	sc-02 0.001 0.032 0.763 0.683 0.898 1.799	9 16:53:41 Average (p sc-01 7.027 7.058 8.210 8.171	1994 sc-02 7.027 7.058 7.789 7.708 7.923 8.824
Mon Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059 1.039	(psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752	Mon Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082	sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804	9 16:53:41 Average (p sc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108	1994 sia) sc-02 7.027 7.058 7.789 7.708 7.923
Mon Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059 1.039 2.260	(psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732 1.730	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750	Mon Transducer 1 2 3 4 5	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100	sc-02 0.001 0.032 0.763 0.683 0.898 1.799	9 16:53:41 Average (p sc-01 7.027 7.058 8.210 8.171 8.146 8.125	1994 sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829
Mon Transducer 1 2 3 4 5 6 7 8 9	May Average ((psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732 1.730 1.641	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661	Mon Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360	sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801	9 16:53:41 Average (p sc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385	1994 sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827
Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059 1.039 2.260 2.264 2.067	(psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732 1.730 1.641 0.001	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750	Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349	sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710	9 16:53:41 Average (p sc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374	1994 sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059 1.039 2.260 2.264 2.067 1.892	(psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732 1.730 1.641	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021	Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349 2.148	sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001	9 16:53:41 Average (p sc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173	1994 sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027
Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059 1.039 2.260 2.264 2.067	(psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732 1.730 1.641 0.001	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349 2.148 1.965	sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001	9 16:53:41 Average (p sc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990	1994 sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059 1.039 2.260 2.264 2.067 1.892	(psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732 1.730 1.641 0.001 1.640	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912 8.543	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349 2.148 1.965	sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001 1.709	9 16:53:41 Average (psc-01) 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990 8.610 P (psi) =	1994 sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027 8.734
Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059 1.039 2.260 2.264 2.067 1.892 1.523	(psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732 1.730 1.641 0.001 1.640	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912 8.543	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021 8.659	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349 2.148 1.965 1.584 H=56.06 May	sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001 1.709	9 16:53:41 Average (Fescoli 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990 8.610 P (psi) = 9 17:00:38	1994 sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027 8.734 8.133 8.133
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059 1.039 2.260 2.264 2.067 1.892 1.523 H=60.47	(psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732 1.730 1.641 0.001 1.640 P=48.38	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912 8.543 P (psi) =	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021 8.659	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=0 Mon	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349 2.148 1.965 1.584 H=56.06	sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001 1.709 P=56.08	9 16:53:41 Average (psc-01) 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990 8.610 P (psi) = 9 17:00:38 Average (psc-01)	1994 sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027 8.734 8.133 8 1994 sia)
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059 1.039 2.260 2.264 2.067 1.892 1.523 H=60.47 May	(psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732 1.730 1.641 0.001 1.640 P=48.38	9 16:50:13 Average (ps. sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912 8.543 P (psi) = 9 16:55:21	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021 8.659	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=0 Mon Transducer	May Average (sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001 1.709 P=56.08 psid) sc-02	9 16:53:41 Average (psc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990 8.610 P (psi) = 9 17:00:38 Average (psc-01	1994 (sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027 8.734 8.133 8 1994 (sia) sc-02
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Mon	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059 1.039 2.260 2.264 2.067 1.892 1.523 H=60.47 May Average ((psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732 1.730 1.641 0.001 1.640 P=48.38 (psid)	9 16:50:13 Average (ps. sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912 8.543 P (psi) = 9 16:55:21 Average (ps. sc-01)	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021 8.659 7.017 1994 sia) sc-02 7.018	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=0 Mon Transducer 1	May Average (sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001 1.709 P=56.08 psid) sc-02 0.000	9 16:53:41 Average (psc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990 8.610 P (psi) = 9 17:00:38 Average (psc-01 8.134	1994 (sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027 8.734 8.133 8 1994 (sia) sc-02 8.133
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Mon	May Average ((psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732 1.730 1.641 0.001 1.640 P=48.38 (psid) sc-02 0.002 0.032	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912 8.543 P (psi) = 9 16:55:21 Average (ps sc-01 7.019 7.049	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021 8.659 7.017 1994 sia) sc-02 7.018 7.049	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=0 Mon Transducer 1 2	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349 2.148 1.965 1.584 H=56.06 May Average (sc-01 0.001 0.025	sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001 1.709 P=56.08 psid) sc-02 0.000 0.024	9 16:53:41 Average (psc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990 8.610 P (psi) = 9 17:00:38 Average (psc-01 8.134 8.159	1994 (sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027 8.734 8.133 8.138 sc-02 8.133 8.158
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Mon Transducer 1 2 3	May Average ((psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732 1.730 1.641 0.001 1.640 P=48.38 (psid) sc-02 0.002 0.032 0.789	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912 8.543 P (psi) = 9 16:55:21 Average (ps sc-01 7.019 7.049 8.235	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021 8.659 7.017 1994 sia) sc-02 7.018 7.049 7.806	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=0 Mon Transducer 1 2 3	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349 2.148 1.965 1.584 H=56.06 May Average (sc-01 0.001 0.025 0.002	sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001 1.709 P=56.08 psid) sc-02 0.000 0.024 0.001	9 16:53:41 Average (psc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990 8.610 P (psi) = 9 17:00:38 Average (psc-01 8.134 8.159 8.135	1994 (sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027 8.734 8.133 8.1994 (sia) sc-02 8.133 8.158 8.134
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Mon Transducer 1 2 3 4	May Average ((psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732 1.730 1.641 0.001 1.640 P=48.38 (psid) sc-02 0.002 0.032 0.789 0.706	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912 8.543 P (psi) = 9 16:55:21 Average (ps sc-01 7.019 7.049 8.235 8.197	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021 8.659 7.017 1994 sia) sc-02 7.018 7.049 7.806 7.722	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=0 Mon Transducer 1 2 3 4	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349 2.148 1.965 1.584 H=56.06 May Average (sc-01 0.001 0.025 0.002 0.001	sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001 1.709 P=56.08 psid) sc-02 0.000 0.024 0.001	9 16:53:41 Average (psc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990 8.610 P (psi) = 9 17:00:38 Average (psc-01 8.134 8.159 8.135 8.134	1994 (sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027 8.734 8.133 8.133 8.158 8.134 8.134
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Mon Transducer 1 2 3 4 5	May Average ((psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732 1.730 1.641 0.001 1.640 P=48.38 (psid) sc-02 0.002 0.032 0.789 0.706 0.928	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912 8.543 P (psi) = 9 16:55:21 Average (ps sc-01 7.019 7.049 8.235 8.197 8.174	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021 8.659 7.017 1994 sia) sc-02 7.018 7.049 7.806 7.722 7.945	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=0 Mon Transducer 1 2 3 4 5	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349 2.148 1.965 1.584 H=56.06 May Average (sc-01 0.001 0.025 0.002 0.001 0.000	sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001 1.709 P=56.08 psid) sc-02 0.000 0.024 0.001 0.001	9 16:53:41 Average (psc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990 8.610 P (psi) = 9 17:00:38 Average (psc-01 8.134 8.159 8.135 8.134 8.133	1994 (sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027 8.734 8.133 8.133 8.158 8.134 8.134 8.134
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Mon Transducer 1 2 3 4	May Average ((psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.732 1.730 1.641 0.001 1.640 P=48.38 (psid) sc-02 0.002 0.032 0.789 0.706 0.928 1.855	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912 8.543 P (psi) = 9 16:55:21 Average (ps sc-01 7.019 7.049 8.235 8.197 8.174 8.155	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021 8.659 7.017 1994 sia) sc-02 7.018 7.049 7.806 7.722 7.945 8.872	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=0 Mon Transducer 1 2 3 4 5 6	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349 2.148 1.965 1.584 H=56.06 May Average (sc-01 0.001 0.025 0.002 0.001 0.000 0.001	sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001 1.709 P=56.08 psid) sc-02 0.000 0.024 0.001 0.001 0.001	9 16:53:41 Average (psc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990 8.610 P (psi) = 9 17:00:38 Average (psc-01 8.134 8.159 8.135 8.134 8.133 8.134	1994 (sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027 8.734 8.133 8.138 8.134 8.134 8.134 8.134 8.133
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Mon Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059 1.039 2.260 2.264 2.067 1.892 1.523 H=60.47 May Average (sc-01 0.002 0.033 1.219 1.181 1.157 1.138 1.116	(psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.730 1.641 0.001 1.640 P=48.38 (psid) sc-02 0.032 0.789 0.706 0.928 1.855 1.861	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912 8.543 P (psi) = 9 16:55:21 Average (ps sc-01 7.019 7.049 8.235 8.197 8.174 8.155 8.133	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021 8.659 7.017 1994 sia) sc-02 7.018 7.049 7.806 7.722 7.945 8.872 8.878	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=0 Mon Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349 2.148 1.965 1.584 H=56.06 May Average (sc-01 0.001 0.002 0.001 0.000 0.001 0.001	sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001 1.709 P=56.08 psid) sc-02 0.000 0.024 0.001 0.001 0.001 0.001 0.000 0.001	9 16:53:41 Average (psc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990 8.610 P (psi) = 9 17:00:38 Average (psc-01 8.134 8.159 8.135 8.134 8.133 8.134 8.134	1994 (sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027 8.734 8.133 8.134 8.134 8.134 8.134 8.133 8.134
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Mon Transducer 1 2 3 4 5 6	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059 1.039 2.260 2.264 2.067 1.892 1.523 H=60.47 May Average (sc-01 0.002 0.033 1.219 1.181 1.157 1.138 1.116 2.421	(psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.730 1.641 0.001 1.640 P=48.38 (psid) sc-02 0.032 0.789 0.706 0.928 1.855 1.861 1.859	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912 8.543 P (psi) = 9 16:55:21 Average (ps sc-01 7.019 7.049 8.235 8.197 8.174 8.155 8.133 9.437	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021 8.659 7.017 1994 sia) sc-02 7.018 7.049 7.806 7.722 7.945 8.872 8.878 8.876	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=0 Mon Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349 2.148 1.965 1.584 H=56.06 May Average (sc-01 0.001 0.002 0.001 0.000 0.001 0.001 0.002	sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001 1.709 P=56.08 psid) sc-02 0.000 0.024 0.001 0.001 0.001 0.001 0.000 0.001 0.000	9 16:53:41 Average (psc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990 8.610 P (psi) = 9 17:00:38 Average (psc-01 8.134 8.159 8.135 8.134 8.134 8.134 8.135	1994 (sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027 8.734 8.133 8.134 8.134 8.134 8.134 8.134 8.134 8.134 8.134
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059 1.039 2.260 2.264 2.067 1.892 1.523 H=60.47 May Average (sc-01 0.002 0.033 1.219 1.181 1.157 1.138 1.116 2.421 2.430	(psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.730 1.641 0.001 1.640 P=48.38 (psid) sc-02 0.032 0.789 0.706 0.928 1.855 1.861 1.859 1.766	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912 8.543 P (psi) = 9 16:55:21 Average (ps sc-01 7.019 7.049 8.235 8.197 8.174 8.155 8.133 9.447	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021 8.659 7.017 sia) sc-02 7.018 7.049 7.806 7.722 7.945 8.872 8.878 8.876 8.783	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=0 Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349 2.148 1.965 1.584 H=56.06 May Average (sc-01 0.001 0.025 0.002 0.001 0.000 0.001 0.001 0.002 0.001	psid) sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001 1.709 P=56.08 psid) sc-02 0.000 0.024 0.001 0.001 0.001 0.000 0.001 0.000 0.001	9 16:53:41 Average (psc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990 8.610 P (psi) = 9 17:00:38 Average (psc-01 8.134 8.159 8.134 8.133 8.134 8.134 8.135 8.134 8.135 8.134	1994 (sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027 8.734 8.133 8.133 8.158 8.134 8.134 8.134 8.134 8.134 8.134 8.134 8.134
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059 1.039 2.260 2.264 2.067 1.892 1.523 H=60.47 May Average (sc-01 0.002 0.033 1.219 1.181 1.157 1.138 1.116 2.421 2.430 2.221	(psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.730 1.641 0.001 1.640 P=48.38 (psid) sc-02 0.032 0.789 0.706 0.928 1.855 1.861 1.859 1.766 0.001	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912 8.543 P (psi) = 9 16:55:21 Average (ps sc-01 7.019 7.049 8.235 8.197 8.174 8.155 8.133 9.447 9.237	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021 8.659 7.017 1994 sia) sc-02 7.018 7.049 7.806 7.722 7.945 8.872 8.878 8.876 8.783 7.018	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=0 Mon Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349 2.148 1.965 1.584 H=56.06 May Average (sc-01 0.001 0.025 0.002 0.001 0.001 0.001 0.001 0.002 0.001 0.001	psid) sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001 1.709 P=56.08 psid) sc-02 0.000 0.024 0.001 0.001 0.001 0.000 0.001 0.000 0.001 0.000 0.001 0.000	9 16:53:41 Average (psc-01) 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990 8.610 P (psi) = 9 17:00:38 Average (psc-01) 8.134 8.135 8.134 8.135 8.134 8.135 8.134 8.135 8.134 8.135	1994 (sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027 8.734 8.133 8.134 8.134 8.134 8.134 8.134 8.134 8.134 8.134 8.134 8.134 8.134 8.134 8.134 8.134 8.134
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.002 0.033 1.136 1.101 1.077 1.059 1.039 2.260 2.264 2.067 1.892 1.523 H=60.47 May Average (sc-01 0.002 0.033 1.219 1.181 1.157 1.138 1.116 2.421 2.430	(psid) sc-02 0.001 0.032 0.732 0.654 0.861 1.728 1.730 1.641 0.001 1.640 P=48.38 (psid) sc-02 0.032 0.789 0.706 0.928 1.855 1.861 1.859 1.766 0.001 1.764	9 16:50:13 Average (ps sc-01 7.022 7.053 8.156 8.120 8.097 8.079 8.058 9.279 9.283 9.086 8.912 8.543 P (psi) = 9 16:55:21 Average (ps sc-01 7.019 7.049 8.235 8.197 8.174 8.155 8.133 9.447 9.237	sia) sc-02 7.021 7.052 7.751 7.673 7.880 8.748 8.752 8.750 8.661 7.021 8.659 7.017 sia) sc-02 7.018 7.049 7.806 7.722 7.945 8.872 8.878 8.876 8.783	Mon Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=0 Mon Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.002 0.033 1.184 1.146 1.121 1.100 1.082 2.360 2.349 2.148 1.965 1.584 H=56.06 May Average (sc-01 0.001 0.025 0.002 0.001 0.000 0.001 0.001 0.002 0.001	psid) sc-02 0.001 0.032 0.763 0.683 0.898 1.799 1.804 1.801 1.710 0.001 1.709 P=56.08 psid) sc-02 0.000 0.024 0.001 0.001 0.001 0.000 0.001 0.000 0.001	9 16:53:41 Average (psc-01 7.027 7.058 8.210 8.171 8.146 8.125 8.108 9.385 9.374 9.173 8.990 8.610 P (psi) = 9 17:00:38 Average (psc-01 8.134 8.159 8.134 8.133 8.134 8.134 8.135 8.134 8.135 8.134	1994 (sia) sc-02 7.027 7.058 7.789 7.708 7.923 8.824 8.829 8.827 8.736 7.027 8.734 8.133 8.133 8.158 8.134 8.134 8.134 8.134 8.134 8.134 8.134 8.134

A.2 Pressure Data - Nozzle 2 - Incremental (N2 INCR)

RPM=0	H=48.09	P=48.09	P (psi) =		RPM=400	H=49.22	P=48.11	P (psi) =	
Wed	May Average (13:58:49 Average (ps	1994	Wed	May Average (14:04:55 Average (ps	1994 ia)
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
l l	0.000	-0.001	6.974	6.974	1	0.000	-0.001	6.977	6.977
2	0.029	0.030	7.004	7.004	2	0.029	0.030	7.007	7.007
3	0.000	-0.001	6.974	6.974	3	0.110	0.063	7.088	7.040
4	-0.001	0.000	6.974	6.974	4	0.107	0.054	7.085	7.031
5	-0.001	-0.001	6.974	6.974	5	0.105	0.076	7.083	7.054
6	-0.001	0.000	6.974	6.975	6	0.104	0.175	7.081	7.152
7	0.000	-0.001	6.975	6.974	7	0.102	0.175	7.080	7.152
8	-0.001	0.000	6.974	6.975	8	0.234	0.174	7.211	7.152
9	-0.001	-0.001	6.974	6.974	9	0.228	0.158	7.205	7.135
10	-0.001	-0.001	6.974	6.974	10	0.211	-0.001	7.188	6.977
11	-0.001	-0.001	6.974	6.974	11	0.193	0.158	7.171	7.135
12	-0.001	-0.001	6.974	0.574	12	0.157	0.100	7.135	
RPM=420	H=49.41	P=48.20	P (psi) =	6.991	RPM=440	H=49.58	P=48.23	P (psi) =	6.995
Wed	May	11		1994	Wed	May	11	14:10:13	1994
	Average (psid)	Average (ps	ia)		Average ((psid)	Average (ps	ia)
Transducer	sc-01			sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
1	0.000	-0.001	6.990	6.990	I	0.000	-0.001	6.995	6.994
2	0.029	0.030	7.020	7.020	2	0.029	0.030	7.024	7.025
3	0.124	0.070	7.114	7.061	3	0.137	0.079	7.132	7.074
4	0.120	0.060	7.110	7.051	4	0.133	0.067	7.128	7.062
5	0.118	0.086	7.108	7.076	5	0.131	0.096	7.126	7.091
6	0.116	0.194	7.107	7.184	6	0.129	0.214	7.124	7.209
7	0.115	0.194	7.105	7.184	7	0.127	0.215	7.122	7.210
8	0.260	0.193	7.251	7.184	8	0.290	0.215	7.284	7.210
9	0.254	0.176	7.244	7.166	9	0.282	0.195	7.277	7.190
10	0.234	-0.001	7.225	6.990	10	0.260	-0.001	7.255	6.994
11	0.215	0.175	7.205	7.166	11	0.239	0.195	7.233	7.190
12	0.175	0.175	7.165		12	0.193		7.188	
RPM=460	H=49.72	P=48.25	P (psi) =	6.998	RPM=480	H=49.92	P=48.29	P (psi) =	7.004
RPM=460 Wed	H=49.72 May	P=48.25	P (psi) = 14:12:17	6.998 1994	RPM=480 Wed	H=49.92 May	P=48.29	** /	7.004 1994
RPM=460 Wed	May	11		1994			11	** /	1994
		11	14:12:17 Average (ps	1994		May	11 (psid) sc-02	14:15:25 Average (ps	1994
Wed	May Average (11 psid)	14:12:17 Average (ps	1994 ia)	Wed Transducer 1	May Average (11 (psid)	14:15:25 Average (ps sc-01 7.003	1994 sia) sc-02 7.003
Wed Transducer	May Average (sc-01	psid) sc-02	14:12:17 Average (ps sc-01	1994 iia) sc-02	Wed Transducer 1 2	May Average (sc-01	(psid) sc-02 -0.001 0.029	14:15:25 Average (ps sc-01 7.003 7.033	1994 sia) sc-02 7.003 7.033
Wed Transducer	May Average (sc-01 0.000	psid) sc-02 -0.001	14:12:17 Average (ps sc-01 6.998	1994 iia) sc-02 6.997	Wed Transducer 1 2 3	May Average (sc-01 0.000	(psid) sc-02 -0.001 0.029 0.095	14:15:25 Average (ps sc-01 7.003 7.033 7.171	1994 sia) sc-02 7.003 7.033 7.099
Wed Transducer 1 2	May Average (sc-01 0.000 0.029	psid) sc-02 -0.001 0.030	14:12:17 Average (ps sc-01 6.998 7.027	1994 sia) sc-02 6.997 7.027	Wed Transducer 1 2 3 4	May Average (sc-01 0.000 0.029 0.167 0.162	(psid) sc-02 -0.001 0.029	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166	1994 sc-02 7.003 7.033 7.099 7.085
Wed Transducer 1 2 3	May Average (sc-01 0.000 0.029 0.151	psid) sc-02 -0.001 0.030 0.086	14:12:17 Average (ps sc-01 6.998 7.027 7.149	1994 sia) sc-02 6.997 7.027 7.084 7.072 7.103	Wed Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.029 0.167 0.162 0.160	(psid) sc-02 -0.001 0.029 0.095	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163	1994 sc-02 7.003 7.033 7.099 7.085 7.120
Wed Transducer 1 2 3 4	May Average (sc-01 0.000 0.029 0.151 0.147	psid) sc-02 -0.001 0.030 0.086 0.074	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145	1994 sia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233	Wed Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.029 0.167 0.162 0.160 0.158	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262
Wed Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.029 0.151 0.147 0.145	psid) sc-02 -0.001 0.030 0.086 0.074 0.105	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142	1994 sia) sc-02 6.997 7.027 7.084 7.072 7.103	Wed Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.029 0.167 0.162 0.160	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262
Wed Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.233	Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.029 0.167 0.162 0.160 0.158	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.262
Wed Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.233 7.212	Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.029 0.167 0.162 0.158 0.155 0.352 0.341	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.262 7.240
Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.233	Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.029 0.167 0.162 0.158 0.155 0.352 0.341 0.314	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.262 7.260 7.003
Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.233 7.212	Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.029 0.167 0.162 0.158 0.155 0.352 0.341	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.262 7.240
Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.141 0.318 0.309 0.285	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.214 -0.001	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.233 7.212 6.997	Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.029 0.167 0.162 0.158 0.155 0.352 0.341 0.314	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.240 7.003 7.240
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.235 0.214 -0.001 0.214	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) =	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.233 7.212 6.997 7.212	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520	May Average (sc-01 0.000 0.029 0.167 0.162 0.168 0.155 0.352 0.341 0.288 0.232 H=50.27	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001 0.237	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) =	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.240 7.003 7.240
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261 0.211 H=50.09 May	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.235 0.214 -0.001 0.214	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) = 14:17:50	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.233 7.212 6.997 7.212 7.007	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.000 0.029 0.167 0.162 0.160 0.158 0.155 0.352 0.341 0.314 0.288 0.232 H=50.27 May	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001 0.237	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) = 14:20:29	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.240 7.003 7.240 7.009
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261 0.211 H=50.09	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.235 0.214 -0.001 0.214	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) = 14:17:50 Average (ps	1994 iia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.233 7.212 6.997 7.212 7.007 1994 iia)	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Wed	May Average (sc-01 0.000 0.029 0.167 0.162 0.160 0.158 0.352 0.341 0.314 0.288 0.232 H=50.27 May Average ((psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001 0.237	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) = 14:20:29 Average (ps	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.262 7.240 7.003 7.240 7.009
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261 0.211 H=50.09 May	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.235 0.214 -0.001 0.214	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) = 14:17:50 Average (ps sc-01	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.233 7.212 6.997 7.212 7.007 1994 ia) sc-02	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Wed	May Average (sc-01 0.000 0.029 0.167 0.162 0.160 0.158 0.155 0.352 0.341 0.288 0.232 H=50.27 May Average (sc-01	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001 0.237 P=48.33 (psid) sc-02	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) = 14:20:29 Average (ps sc-01	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.262 7.240 7.003 7.240 7.009 1994 sia) sc-02
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Wed Transducer 1	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261 0.211 H=50.09 May Average (sc-01 0.000	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.214 -0.001 0.214 P=48-31 psid) sc-02 -0.001	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) = 14:17:50 Average (ps sc-01 7.006	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.233 7.212 6.997 7.212 7.007 1994 ia) sc-02 7.006	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Wed Transducer	May Average (sc-01 0.000 0.029 0.167 0.162 0.158 0.155 0.352 0.341 0.288 0.232 H=50.27 May Average (sc-01 0.000	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001 0.237	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) = 14:20:29 Average (ps sc-01 7.009	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.240 7.003 7.240 7.009 1994 sia) sc-02 7.009
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Wed Transducer 1 2	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261 0.211 H=50.09 May Average (sc-01 0.000 0.029	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.214 -0.001 0.214 P=48.31 psid) sc-02 -0.001 0.029	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) = 14:17:50 Average (ps sc-01 7.006 7.036	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.212 6.997 7.212 7.007 1994 ia) sc-02 7.006 7.036	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Wed Transducer 1 2	May Average (sc-01 0.000 0.029 0.167 0.162 0.158 0.155 0.352 0.341 0.288 0.232 H=50.27 May Average (sc-01 0.000 0.029	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001 0.237 P=48.33 (psid) sc-02 -0.001 0.029	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) = 14:20:29 Average (ps sc-01 7.009 7.039	1994 iia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.240 7.003 7.240 7.009 1994 iia) sc-02 7.009 7.039
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Wed Transducer 1 2 3	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261 0.211 H=50.09 May Average (sc-01 0.000 0.029 0.184	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.214 -0.001 0.214 P=48.31 11 psid) sc-02 -0.001 0.029 0.104	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) = 14:17:50 Average (ps sc-01 7.006 7.036 7.190	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.212 6.997 7.212 7.007 1994 ia) sc-02 7.006 7.036 7.111	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Wed Transducer 1 2 3	May Average (sc-01 0.000 0.029 0.167 0.162 0.160 0.158 0.155 0.352 0.341 0.314 0.288 0.232 H=50.27 May Average (sc-01 0.000 0.029 0.199	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001 0.237 P=48.33 (psid) sc-02 -0.001 0.029 0.113	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) = 14:20:29 Average (ps sc-01 7.009 7.039 7.209	1994 iia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.240 7.003 7.240 7.009 1994 iia) sc-02 7.009 7.039 7.123
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Wed Transducer 1 2 3 4	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261 0.211 H=50.09 May Average (sc-01 0.000 0.029 0.184 0.178	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.214 -0.001 0.214 P=48.31 11 psid) sc-02 -0.001 0.029 0.104 0.090	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) = 14:17:50 Average (ps sc-01 7.006 7.036 7.190 7.185	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.212 6.997 7.212 7.007 1994 ia) sc-02 7.006 7.036 7.111 7.096	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Wed Transducer 1 2 3 4	May Average (sc-01 0.000 0.029 0.167 0.162 0.160 0.158 0.155 0.352 0.341 0.314 0.288 0.232 H=50.27 May Average (sc-01 0.000 0.029 0.199 0.194	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001 0.237 P=48.33 11 (psid) sc-02 -0.001 0.029 0.113 0.098	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) = 14:20:29 Average (ps sc-01 7.009 7.039 7.209 7.203	1994 iia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.240 7.003 7.240 7.009 1994 iia) sc-02 7.009 7.039 7.123 7.107
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Wed Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261 0.211 H=50.09 May Average (sc-01 0.000 0.029 0.184	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.214 -0.001 0.214 P=48.31 psid) sc-02 -0.001 0.029 0.104 0.090 0.128	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) = 14:17:50 Average (ps sc-01 7.006 7.036 7.185 7.182	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.212 6.997 7.212 7.007 1994 ia) sc-02 7.006 7.036 7.111 7.096 7.135	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Wed Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.029 0.167 0.162 0.160 0.158 0.155 0.352 0.341 0.314 0.288 0.232 H=50.27 May Average (sc-01 0.000 0.029 0.199 0.194 0.191	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.237 -0.001 0.237 P=48.33 (psid) sc-02 -0.001 0.029 0.113 0.098 0.139	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) = 14:20:29 Average (ps sc-01 7.009 7.039 7.209 7.203 7.200	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.240 7.003 7.240 7.009 1994 sia) sc-02 7.009 7.039 7.123 7.107 7.149
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Wed Transducer 1 2 3 4	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261 0.211 H=50.09 May Average (sc-01 0.000 0.029 0.184 0.178	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.214 -0.001 0.214 P=48.31 11 psid) sc-02 -0.001 0.029 0.104 0.090 0.128 0.283	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) = 14:17:50 Average (ps sc-01 7.006 7.036 7.185 7.182 7.179	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.212 6.997 7.212 7.007 1994 ia) sc-02 7.006 7.036 7.111 7.096 7.135 7.290	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Wed Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.029 0.167 0.162 0.160 0.158 0.155 0.352 0.341 0.314 0.288 0.232 H=50.27 May Average (sc-01 0.000 0.029 0.199 0.194 0.191 0.187	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001 0.237 P=48.33 11 (psid) sc-02 -0.001 0.029 0.113 0.098 0.139 0.307	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) = 14:20:29 Average (ps sc-01 7.009 7.039 7.209 7.203 7.200 7.197	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.240 7.003 7.240 7.009 1994 sia) sc-02 7.009 7.039 7.123 7.107 7.149 7.317
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Wed Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261 0.211 H=50.09 May Average (sc-01 0.000 0.029 0.184 0.178 0.175	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.214 -0.001 0.214 P=48.31 psid) sc-02 -0.001 0.029 0.104 0.090 0.128	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) = 14:17:50 Average (ps sc-01 7.006 7.036 7.185 7.182 7.179 7.177	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.212 6.997 7.212 7.007 1994 ia) sc-02 7.006 7.036 7.111 7.096 7.135	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Wed Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.029 0.167 0.162 0.160 0.158 0.155 0.352 0.341 0.314 0.288 0.232 H=50.27 May Average (sc-01 0.000 0.029 0.194 0.191 0.187 0.185	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001 0.237 P=48.33 11 (psid) sc-02 -0.001 0.029 0.113 0.098 0.139 0.307 0.308	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) = 14:20:29 Average (ps sc-01 7.009 7.039 7.209 7.203 7.200 7.197 7.195	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.240 7.003 7.240 7.009 1994 sia) sc-02 7.009 7.039 7.123 7.107 7.149 7.317 7.317
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Wed Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261 0.211 H=50.09 May Average (sc-01 0.000 0.029 0.184 0.178 0.175 0.173	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.214 -0.001 0.214 P=48.31 11 psid) sc-02 -0.001 0.029 0.104 0.090 0.128 0.283	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) = 14:17:50 Average (ps sc-01 7.006 7.036 7.185 7.182 7.179	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.212 6.997 7.212 7.007 1994 ia) sc-02 7.006 7.036 7.111 7.096 7.135 7.290	Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Wed Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.029 0.167 0.162 0.160 0.158 0.155 0.352 0.341 0.314 0.288 0.232 H=50.27 May Average (sc-01 0.000 0.029 0.199 0.194 0.191 0.187 0.185 0.420	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001 0.237 P=48.33 (psid) sc-02 -0.001 0.029 0.113 0.098 0.139 0.307 0.308 0.307	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) = 14:20:29 Average (ps sc-01 7.009 7.039 7.209 7.203 7.200 7.197	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.262 7.240 7.003 7.240 7.009 1994 sia) sc-02 7.009 7.039 7.123 7.107 7.149 7.317 7.317
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Wed Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261 0.211 H=50.09 May Average (sc-01 0.000 0.029 0.184 0.178 0.175 0.173 0.170	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.214 -0.001 0.214 P=48.31 11 psid) sc-02 -0.001 0.029 0.104 0.090 0.128 0.283 0.284	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) = 14:17:50 Average (ps sc-01 7.006 7.036 7.185 7.182 7.179 7.177	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.212 6.997 7.212 7.007 1994 ia) sc-02 7.006 7.036 7.111 7.096 7.135 7.290 7.290	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Wed Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.029 0.167 0.162 0.160 0.158 0.155 0.352 0.341 0.314 0.288 0.232 H=50.27 May Average (sc-01 0.000 0.029 0.194 0.191 0.187 0.185	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001 0.237 P=48.33 11 (psid) sc-02 -0.001 0.029 0.113 0.098 0.139 0.307 0.308	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) = 14:20:29 Average (ps sc-01 7.009 7.039 7.209 7.203 7.200 7.197 7.195 7.430 7.416	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.240 7.003 7.240 7.009 1994 sia) sc-02 7.009 7.039 7.123 7.107 7.149 7.317 7.317 7.317 7.291
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261 0.211 H=50.09 May Average (sc-01 0.000 0.029 0.184 0.178 0.175 0.173 0.170 0.387	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.214 -0.001 0.214 P=48.31 11 psid) sc-02 -0.001 0.029 0.104 0.090 0.128 0.283 0.284 0.283	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) = 14:17:50 Average (ps sc-01 7.006 7.036 7.190 7.185 7.182 7.177 7.394	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.233 7.212 6.997 7.212 7.007 1994 ia) sc-02 7.006 7.036 7.111 7.096 7.135 7.290 7.290 7.290	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.029 0.167 0.162 0.160 0.158 0.155 0.352 0.341 0.314 0.288 0.232 H=50.27 May Average (sc-01 0.000 0.029 0.199 0.194 0.191 0.187 0.185 0.420	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001 0.237 P=48.33 (psid) sc-02 -0.001 0.029 0.113 0.098 0.139 0.307 0.308 0.307	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) = 14:20:29 Average (ps sc-01 7.009 7.039 7.209 7.203 7.200 7.197 7.195 7.430 7.416 7.382	1994 iia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.240 7.003 7.240 7.009 1994 iia) sc-02 7.009 7.039 7.123 7.107 7.149 7.317 7.317 7.317 7.291 7.009
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Wed Transducer 1 2 3 4 5 6 7 8 9 9	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261 0.211 H=50.09 May Average (sc-01 0.000 0.029 0.184 0.178 0.175 0.173 0.170 0.387 0.375	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.214 -0.001 0.214 P=48.31 11 psid) sc-02 -0.001 0.029 0.104 0.090 0.128 0.283 0.284 0.283 0.260	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) = 14:17:50 Average (ps sc-01 7.006 7.036 7.190 7.185 7.182 7.179 7.394 7.381	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.233 7.212 6.997 7.212 7.007 1994 ia) sc-02 7.006 7.036 7.111 7.096 7.135 7.290 7.290 7.290 7.290 7.267	### Wed Transducer 1	May Average (sc-01 0.000 0.029 0.167 0.162 0.160 0.158 0.155 0.352 0.341 0.314 0.288 0.232 H=50.27 May Average (sc-01 0.000 0.029 0.199 0.194 0.191 0.187 0.185 0.420 0.406	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001 0.237 P=48.33 11 (psid) sc-02 -0.001 0.029 0.113 0.098 0.139 0.307 0.308 0.307 0.282	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) = 14:20:29 Average (ps sc-01 7.009 7.039 7.209 7.203 7.200 7.197 7.195 7.430 7.416	1994 sia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.240 7.003 7.240 7.009 1994 sia) sc-02 7.009 7.039 7.123 7.107 7.149 7.317 7.317 7.317 7.291
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.029 0.151 0.147 0.145 0.143 0.141 0.318 0.309 0.285 0.261 0.211 H=50.09 May Average (sc-01 0.000 0.029 0.184 0.178 0.175 0.173 0.170 0.387 0.375 0.344	psid) sc-02 -0.001 0.030 0.086 0.074 0.105 0.235 0.235 0.235 0.214 -0.001 0.214 P=48.31 11 psid) sc-02 -0.001 0.029 0.104 0.090 0.128 0.283 0.284 0.283 0.284 0.283 0.260 -0.001	14:12:17 Average (ps sc-01 6.998 7.027 7.149 7.145 7.142 7.141 7.138 7.316 7.306 7.283 7.259 7.209 P (psi) = 14:17:50 Average (ps sc-01 7.006 7.036 7.190 7.185 7.182 7.179 7.177 7.394 7.381 7.351	1994 ia) sc-02 6.997 7.027 7.084 7.072 7.103 7.233 7.233 7.212 6.997 7.212 7.007 1994 ia) sc-02 7.006 7.036 7.111 7.096 7.135 7.290 7.290 7.290 7.290 7.290 7.206	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.029 0.167 0.162 0.160 0.158 0.155 0.352 0.341 0.314 0.288 0.232 H=50.27 May Average (sc-01 0.000 0.029 0.199 0.194 0.191 0.187 0.185 0.420 0.406 0.373	(psid) sc-02 -0.001 0.029 0.095 0.082 0.116 0.258 0.259 0.259 0.237 -0.001 0.237 P=48.33 (psid) sc-02 -0.001 0.029 0.113 0.098 0.139 0.307 0.308 0.307 0.308 0.307 0.282 -0.001	14:15:25 Average (ps sc-01 7.003 7.033 7.171 7.166 7.163 7.161 7.159 7.355 7.345 7.318 7.292 7.236 P (psi) = 14:20:29 Average (ps sc-01 7.009 7.039 7.209 7.203 7.200 7.197 7.195 7.430 7.416 7.382	1994 iia) sc-02 7.003 7.033 7.099 7.085 7.120 7.262 7.262 7.262 7.240 7.003 7.240 7.009 1994 iia) sc-02 7.009 7.039 7.123 7.107 7.149 7.317 7.317 7.317 7.291 7.009

RPM=540				= 7.015	RPM=560			P (psi) =	
Wed	May Average		1 14:23:3 Average (Wed	May Average		1 14:26:15 Average (p	
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
1	0.000	-0.001	7.015	7.015	1	0.000	-0.001	7.017	7.016
2	0.029	0.029	7.044	7.045	2	0.029	0.029	7.046	7.046
3	0.215	0.123	7.230	7.138	3	0.234	0.134	7.250	7.150
4	0.209	0.106	7.224	7.121	4	0.228	0.115	7.245	7.132
5	0.206	0.151	7.221	7.166	5	0.224	0.164	7.241	7.181
6	0.202	0.332	7.217	7.347	6	0.220	0.360	7.237	7.377
7	0.199	0.333	7.214	7.348	7	0.217	0.361	7.234	7.378
8	0.455	0.332	7.470	7.348	8	0.493	0.360	7.510	7.377
9	0.440	0.305	7.455	7.320	9	0.477	0.331	7.494	7.348
10	0.403	-0.001	7.418	7.015	10	0.438	0.000	7.454	7.016
11	0.370	0.305	7.386	7.320	11	0.402	0.331	7.418	7.348
12	0.297		7.313		12	0.322		7.339	
RPM=580	H=50.85	P=48.39	P (psi) :	= 7 018	RPM=600	H=51.05	P=48.38	P (psi) =	7.017
Wed		1			Wed	May		14:31:20	
******		psid)	Average (psid)	Average (p	
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	_	sc-02	sc-01	sc-02
1	0.000	0.000	7.018	7.018	1	0.000	0.000	7.017	7.016
2	0.029	0.029	7.047	7.047	2	0.029	0.029	7.046	7.046
3	0.253	0.145	7.271	7.163	3	0.269	0.155	7.286	7.172
4	0.247	0.125	7.265	7.143	4	0.263	0.134	7.280	7.150
5	0.242	0.178	7.260	7.196	5	0.259	0.191	7.276	7.208
6	0.238	0.387	7.256	7.406	6	0.255	0.417	7.272	7.433
7	0.235	0.389	7.253	7.407	7	0.251	0.418	7.268	7.434
8	0.533	0.389	7.551	7.407	8	0.570	0.418	7.587	7.435
9	0.516	0.358	7.534	7.376	9	0.552	0.385	7.569	7.402
10	0.474	0.000	7.492	7.018	10	0.507	0.000	7.523	7.016
11	0.434	0.358	7.452	7.376	11	0.464	0.385	7.481	7.401
12	0.349	0.000	7.367		12	0.372	5.555	7.389	,,,,,,
RPM=620	H=51.22	P=48.38	P (psi) =	= 7.017	RPM=640	H=51.42	P=48.36	P (psi) =	7.014
RPM=620 Wed		P=48.38	P (psi) =		RPM=640 Wed			P (psi) =	
RPM=620 Wed	May	11	14:33:22	1994	RPM=640 Wed	May	11	14:35:51	1994
Wed	May Average (11 psid)	14:33:22 Average (I	2 1994 osia)	Wed	May Average (11 psid)	14:35:51 Average (ps	1994 sia)
	May Average (sc-01	11 psid) sc-02	14:33:22	1994		May	11	14:35:51 Average (ps	1994
Wed Transducer	May Average (p sc-01 0.000	psid) sc-02 0.000	14:33:22 Average (psc-01 7.017	2 1994 osia) sc-02 7.016	Wed Transducer 1	May Average (sc-01	11 psid) sc-02 0.000	14:35:51 Average (ps sc-01	1994 sia) sc-02
Wed Transducer	May Average (sc-01	11 psid) sc-02	14:33:22 Average (psc-01	2 1994 osia) sc-02	Wed Transducer	May Average (sc-01 0.000	11 psid) sc-02	14:35:51 Average (ps sc-01 7.014	1994 sia) sc-02 7.013
Wed Transducer 1 2	May Average (1 sc-01 0.000 0.029 0.289	psid) sc-02 0.000 0.029 0.165	14:33:22 Average (psc-01 7.017 7.046 7.305	2 1994 osia) sc-02 7.016 7.046 7.182	Wed Transducer 1 2 3	May Average (sc-01 0.000 0.029	11 psid) sc-02 0.000 0.029	14:35:51 Average (ps sc-01 7.014 7.043	1994 sia) sc-02 7.013 7.043 7.193
Wed Transducer 1 2 3 4	May Average (1 sc-01 0.000 0.029 0.289 0.281	psid) sc-02 0.000 0.029 0.165 0.142	14:33:22 Average (psc-01 7.017 7.046	2 1994 osia) sc-02 7.016 7.046 7.182 7.159	Wed Transducer 1 2	May Average (sc-01 0.000 0.029 0.313	psid) sc-02 0.000 0.029 0.179	14:35:51 Average (posc-01 7.014 7.043 7.327	1994 sia) sc-02 7.013 7.043
Wed Transducer 1 2 3 4 5	May Average (1 sc-01 0.000 0.029 0.289 0.281 0.276	psid) sc-02 0.000 0.029 0.165 0.142 0.203	14:33:22 Average (psc-01 7.017 7.046 7.305 7.298	2 1994 osia) sc-02 7.016 7.046 7.182 7.159 7.220	Wed Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.029 0.313 0.303 0.298	psid) sc-02 0.000 0.029 0.179 0.155	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.317	1994 sia) sc-02 7.013 7.043 7.193 7.168
Wed Transducer 1 2 3 4 5 6	May Average (1 sc-01 0.000 0.029 0.289 0.281 0.276 0.272	psid) sc-02 0.000 0.029 0.165 0.142 0.203 0.445	14:33:22 Average (psc-01 7.017 7.046 7.305 7.298 7.293 7.289	2 1994 osia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462	Wed Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.317 7.312 7.308	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.493
Wed Transducer 1 2 3 4 5	May Average (1 sc-01 0.000 0.029 0.289 0.281 0.276	psid) sc-02 0.000 0.029 0.165 0.142 0.203	14:33:22 Average (psc-01 7.017 7.046 7.305 7.298 7.293	2 1994 osia) sc-02 7.016 7.046 7.182 7.159 7.220	Wed Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.029 0.313 0.303 0.298	psid) sc-02 0.000 0.029 0.179 0.155 0.219	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.317 7.312	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233
Wed Transducer 1 2 3 4 5 6 7	May Average (1 sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267	psid) sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446	14:33:22 Average (psc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284	2 1994 osia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463	Wed Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.493 7.494
Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (1 sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592	sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.446	14:33:22 Average (psc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630 7.608	2 1994 osia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428	Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480 0.479	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302 7.675 7.653	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.493 7.494 7.493 7.458
Wed Transducer 1 2 3 4 5 6 7 8	May Average (1 sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613	sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446	14:33:22 Average (psc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630	2 1994 osia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463	Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480 0.479 0.444	14:35:51 Average (pse-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302 7.675	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.493 7.494 7.493
Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542	sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.446 0.412	14:33:22 Average (I sc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630 7.608 7.559	2 1994 osia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016	Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639 0.584	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480 0.479 0.444 0.000	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302 7.675 7.653 7.598	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.493 7.494 7.493 7.495 7.014
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497	sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.446 0.412	14:33:22 Average (I sc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630 7.608 7.559 7.513	2 1994 osia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639 0.584 0.535	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480 0.479 0.444 0.000	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.312 7.308 7.302 7.675 7.653 7.598 7.548	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.493 7.494 7.493 7.458 7.014 7.457
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497 0.396	sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.446 0.446 0.412 0.000 0.411	14:33:22 Average (psc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630 7.608 7.559 7.513 7.413 P (psi) =	2 1994 osia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639 0.584 0.535 0.426	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480 0.479 0.444 0.000 0.443	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302 7.675 7.653 7.598 7.548 7.439 P (psi) =	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.493 7.494 7.493 7.458 7.014 7.457
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497 0.396 H=51.62	sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.446 0.412 0.000 0.411 P=48.36	14:33:22 Average (psc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630 7.608 7.559 7.513 7.413 P (psi) =	2 1994 osia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639 0.584 0.535 0.426	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480 0.479 0.444 0.000 0.443	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302 7.675 7.653 7.598 7.548 7.439 P (psi) =	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.493 7.494 7.493 7.458 7.014 7.457
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497 0.396 H=51.62 May	sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.446 0.412 0.000 0.411 P=48.36	14:33:22 Average (psc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630 7.608 7.559 7.513 7.413 P (psi) = 14:38:13	2 1994 osia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639 0.584 0.535 0.426 H=51.83 May	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480 0.479 0.444 0.000 0.443	14:35:51 Average (pse-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302 7.675 7.653 7.598 7.548 7.439 P (psi) = 14:40:39 Average (ps	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.493 7.494 7.493 7.458 7.014 7.457
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Wed	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497 0.396 H=51.62 May Average (p	sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.446 0.412 0.000 0.411 P=48.36 11	14:33:22 Average (psc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630 7.608 7.559 7.513 7.413 P (psi) = 14:38:13 Average (p	2 1994 bsia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Wed	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639 0.584 0.535 0.426 H=51.83 May Average (g	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480 0.479 0.444 0.000 0.443 P=48.36 11 psid)	14:35:51 Average (pse-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302 7.675 7.653 7.598 7.548 7.439 P (psi) = 14:40:39 Average (ps	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.493 7.494 7.493 7.458 7.014 7.457
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Wed Transducer	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497 0.396 H=51.62 May Average (sc-01	sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.446 0.412 0.000 0.411 P=48.36 11 sc-02	14:33:22 Average (psc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630 7.608 7.559 7.513 7.413 P (psi) = 14:38:13 Average (psc-01	2 1994 bsia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Wed Transducer	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639 0.584 0.535 0.426 H=51.83 May Average (sc-01	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480 0.479 0.444 0.000 0.443 P=48.36 11 osid) sc-02	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302 7.675 7.653 7.598 7.548 7.439 P (psi) = 14:40:39 Average (ps sc-01	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.494 7.493 7.458 7.014 7.457 7.014 1994 ia) sc-02
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Wed Transducer	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497 0.396 H=51.62 May Average (sc-01 0.000	psid) sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.412 0.000 0.411 P=48.36 11 ssid) sc-02 -0.001	14:33:22 Average (psc-01 7.017 7.046 7.305 7.298 7.298 7.289 7.284 7.630 7.608 7.559 7.513 7.413 P (psi) = 14:38:13 Average (psc-01 7.014	2 1994 bsia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Wed Transducer 1	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.661 0.639 0.584 0.535 0.426 H=51.83 May Average (sc-01 0.000	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480 0.479 0.444 0.000 0.443 P=48.36 11 sc-02 0.000	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302 7.675 7.653 7.598 7.548 7.439 P (psi) = 14:40:39 Average (ps sc-01 7.014	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.493 7.494 7.493 7.458 7.014 7.457 7.014 1994 ia) sc-02 7.014
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Wed Transducer 1 2	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497 0.396 H=51.62 May Average (sc-01 0.000 0.029	sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.412 0.000 0.411 P=48.36 11 sc-02 -0.001 0.029	14:33:22 Average (psc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630 7.608 7.559 7.513 7.413 P (psi) = 14:38:13 Average (psc-01 7.014 7.043	2 1994 bsia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428 7.014 1994 sia) sc-02 7.013 7.043	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Wed Transducer 1 2	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.661 0.639 0.584 0.535 0.426 H=51.83 May Average (sc-01 0.000 0.029	sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480 0.479 0.444 0.000 0.443 P=48.36 11 sc-02 0.000 0.029	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.312 7.308 7.302 7.675 7.653 7.598 7.548 7.439 P (psi) = 14:40:39 Average (ps sc-01 7.014 7.043	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.493 7.494 7.493 7.458 7.014 7.457 7.014 1994 ia) sc-02 7.014 7.043
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Wed Transducer 1 2 3 4	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497 0.396 H=51.62 May Average (sc-01 0.000 0.029 0.334 0.325	psid) sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.442 0.000 0.411 P=48.36 11 sc-02 -0.001 0.029 0.192 0.166	14:33:22 Average (psc-01 7.017 7.046 7.305 7.298 7.298 7.289 7.284 7.630 7.608 7.559 7.513 7.413 P (psi) = 14:38:13 Average (psc-01 7.014 7.043 7.348 7.339	2 1994 bsia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428 7.014 1994 sia) sc-02 7.013 7.043 7.205 7.179	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Wed Transducer 1 2 3 4	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639 0.584 0.535 0.426 H=51.83 May Average (sc-01 0.000 0.029 0.353	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.444 0.000 0.443 P=48.36 11 osid) sc-02 0.000 0.029 0.203 0.175	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302 7.675 7.653 7.598 7.548 7.439 P (psi) = 14:40:39 Average (ps sc-01 7.014 7.043 7.367	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.494 7.493 7.458 7.014 7.457 7.014 1994 ia) sc-02 7.014 7.043 7.217 7.189
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Wed Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497 0.396 H=51.62 May Average (sc-01 0.000 0.029 0.334 0.325 0.319	sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.446 0.412 0.000 0.411 P=48.36 11 sc-02 -0.001 0.029 0.192 0.166 0.235	14:33:22 Average (psc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630 7.608 7.559 7.513 7.413 P (psi) = 14:38:13 Average (psc-01 7.014 7.043 7.348 7.339 7.333	2 1994 bsia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428 7.016 7.428 7.013 7.043 7.205 7.179 7.249	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Wed Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639 0.584 0.535 0.426 H=51.83 May Average (sc-01 0.000 0.029 0.353 0.343 0.337	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.444 0.000 0.443 P=48.36 11 sc-02 0.000 0.029 0.203 0.175 0.249	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302 7.675 7.653 7.598 7.548 7.439 P (psi) = 14:40:39 Average (ps sc-01 7.014 7.043 7.367 7.357 7.351	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.493 7.494 7.493 7.458 7.014 7.457 7.014 1994 ia) sc-02 7.014 7.043 7.217 7.189 7.263
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Wed Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497 0.396 H=51.62 May Average (sc-01 0.000 0.029 0.334 0.325 0.319 0.315	psid) sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.446 0.412 0.000 0.411 P=48.36 11 sc-02 -0.001 0.029 0.192 0.166 0.235 0.513	14:33:22 Average (I sc-01 7.017 7.046 7.305 7.298 7.293 7.284 7.630 7.608 7.559 7.513 7.413 P (psi) = 14:38:13 Average (I sc-01 7.014 7.043 7.348 7.339 7.333 7.329	2 1994 bsia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428 7.016 7.428 7.013 7.043 7.205 7.179 7.249 7.527	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Wed Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639 0.584 0.535 0.426 H=51.83 May Average (sc-01 0.000 0.029 0.353 0.343 0.337 0.332	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.444 0.000 0.443 P=48.36 11 osid) sc-02 0.000 0.029 0.203 0.175 0.249 0.542	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302 7.675 7.653 7.598 7.548 7.439 P (psi) = 14:40:39 Average (ps sc-01 7.014 7.043 7.367 7.357 7.351 7.345	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.494 7.493 7.458 7.014 7.457 7.014 1994 ia) sc-02 7.014 7.043 7.217 7.189 7.263 7.556
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Wed Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497 0.396 H=51.62 May Average (sc-01 0.000 0.029 0.334 0.325 0.319 0.315 0.309	psid) sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.446 0.412 0.000 0.411 P=48.36 11 sc-02 -0.001 0.029 0.192 0.166 0.235 0.513 0.514	14:33:22 Average (I sc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630 7.608 7.559 7.513 7.413 P (psi) = 14:38:13 Average (p sc-01 7.014 7.043 7.348 7.339 7.333 7.329 7.323	2 1994 bsia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428 7.016 7.428 7.013 7.043 7.205 7.179 7.249 7.527 7.528	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Wed Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639 0.584 0.535 0.426 H=51.83 May Average (sc-01 0.000 0.029 0.353 0.343 0.337 0.332 0.325	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.444 0.000 0.443 P=48.36 11 sc-02 0.000 0.029 0.203 0.175 0.249 0.542 0.544	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302 7.675 7.653 7.598 7.548 7.439 P (psi) = 14:40:39 Average (ps sc-01 7.014 7.043 7.367 7.357 7.351 7.345 7.338	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.494 7.493 7.458 7.014 7.457 7.014 1994 ia) sc-02 7.014 7.043 7.217 7.189 7.263 7.556 7.557
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497 0.396 H=51.62 May Average (sc-01 0.000 0.029 0.334 0.325 0.319 0.315 0.309 0.708	psid) sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.446 0.412 0.000 0.411 P=48.36 11 sc-02 -0.001 0.029 0.192 0.166 0.235 0.513 0.514 0.513	14:33:22 Average (I sc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630 7.608 7.559 7.513 7.413 P (psi) = 14:38:13 Average (p sc-01 7.014 7.043 7.348 7.339 7.333 7.329 7.323 7.722	2 1994 bsia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428 7.014 1994 sia) sc-02 7.013 7.043 7.205 7.179 7.249 7.527 7.528 7.527	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639 0.584 0.535 0.426 H=51.83 May Average (sc-01 0.000 0.029 0.353 0.343 0.337 0.332 0.325 0.748	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480 0.479 0.444 0.000 0.443 P=48.36 11 sc-02 0.000 0.029 0.203 0.175 0.249 0.542 0.544 0.543	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302 7.675 7.653 7.598 7.548 7.439 P (psi) = 14:40:39 Average (ps sc-01 7.014 7.043 7.367 7.351 7.345 7.338 7.762	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.494 7.493 7.458 7.014 7.457 7.014 1994 ia) sc-02 7.014 7.043 7.217 7.189 7.263 7.556 7.557 7.557
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497 0.396 H=51.62 May Average (sc-01 0.000 0.029 0.334 0.325 0.319 0.315 0.309 0.708 0.685	psid) sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.446 0.412 0.000 0.411 P=48.36 11 sid) sc-02 -0.001 0.029 0.192 0.166 0.235 0.513 0.514 0.513 0.475	14:33:22 Average (Isc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630 7.608 7.559 7.513 7.413 P (psi) = 14:38:13 Average (psc-01 7.014 7.043 7.348 7.339 7.329 7.323 7.722 7.699	2 1994 bsia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428 7.014 1994 sia) sc-02 7.013 7.043 7.205 7.179 7.249 7.527 7.528 7.527 7.489	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639 0.584 0.535 0.426 H=51.83 May Average (sc-01 0.000 0.029 0.353 0.343 0.337 0.332 0.325 0.748 0.722	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480 0.479 0.444 0.000 0.443 P=48.36 11 osid) sc-02 0.000 0.029 0.203 0.175 0.249 0.542 0.544 0.543 0.503	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.312 7.308 7.302 7.675 7.653 7.598 7.548 7.439 P (psi) = 14:40:39 Average (ps sc-01 7.014 7.043 7.367 7.357 7.351 7.345 7.338 7.762 7.736	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.494 7.493 7.458 7.014 7.457 7.014 1994 ia) sc-02 7.014 7.043 7.217 7.189 7.263 7.556 7.557 7.557 7.517
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497 0.396 H=51.62 May Average (sc-01 0.000 0.029 0.334 0.325 0.319 0.315 0.309 0.708 0.685 0.626	psid) sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.446 0.412 0.000 0.411 P=48.36 11 scid) sc-02 -0.001 0.029 0.192 0.166 0.235 0.513 0.514 0.513 0.475 0.000	14:33:22 Average (Isc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630 7.608 7.559 7.513 7.413 P (psi) = 14:38:13 Average (psc-01 7.014 7.043 7.348 7.339 7.333 7.329 7.323 7.722 7.699 7.639	2 1994 bsia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428 7.014 1994 sia) sc-02 7.013 7.043 7.205 7.179 7.249 7.527 7.528 7.527 7.489 7.013	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639 0.584 0.535 0.426 H=51.83 May Average (sc-01 0.000 0.029 0.353 0.343 0.337 0.332 0.325 0.748 0.722 0.661	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480 0.479 0.444 0.000 0.443 P=48.36 11 osid) sc-02 0.000 0.029 0.203 0.175 0.249 0.542 0.544 0.543 0.503 0.000	14:35:51 Average (ps se-01 7.014 7.043 7.327 7.317 7.312 7.308 7.302 7.675 7.653 7.598 7.548 7.439 P (psi) = 14:40:39 Average (ps se-01 7.014 7.043 7.367 7.351 7.345 7.338 7.762 7.736 7.675	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.494 7.493 7.458 7.014 7.457 7.014 1994 ia) sc-02 7.014 7.043 7.217 7.189 7.263 7.556 7.557 7.517 7.014
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.029 0.289 0.281 0.276 0.272 0.267 0.613 0.592 0.542 0.497 0.396 H=51.62 May Average (sc-01 0.000 0.029 0.334 0.325 0.319 0.315 0.309 0.708 0.685	psid) sc-02 0.000 0.029 0.165 0.142 0.203 0.445 0.446 0.446 0.412 0.000 0.411 P=48.36 11 sid) sc-02 -0.001 0.029 0.192 0.166 0.235 0.513 0.514 0.513 0.475	14:33:22 Average (Isc-01 7.017 7.046 7.305 7.298 7.293 7.289 7.284 7.630 7.608 7.559 7.513 7.413 P (psi) = 14:38:13 Average (psc-01 7.014 7.043 7.348 7.339 7.329 7.323 7.722 7.699	2 1994 bsia) sc-02 7.016 7.046 7.182 7.159 7.220 7.462 7.463 7.463 7.428 7.016 7.428 7.014 1994 sia) sc-02 7.013 7.043 7.205 7.179 7.249 7.527 7.528 7.527 7.489	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.029 0.313 0.303 0.298 0.294 0.289 0.661 0.639 0.584 0.535 0.426 H=51.83 May Average (sc-01 0.000 0.029 0.353 0.343 0.337 0.332 0.325 0.748 0.722	psid) sc-02 0.000 0.029 0.179 0.155 0.219 0.479 0.480 0.479 0.444 0.000 0.443 P=48.36 11 osid) sc-02 0.000 0.029 0.203 0.175 0.249 0.542 0.544 0.543 0.503	14:35:51 Average (ps sc-01 7.014 7.043 7.327 7.312 7.308 7.302 7.675 7.653 7.598 7.548 7.439 P (psi) = 14:40:39 Average (ps sc-01 7.014 7.043 7.367 7.357 7.351 7.345 7.338 7.762 7.736	1994 sia) sc-02 7.013 7.043 7.193 7.168 7.233 7.494 7.493 7.458 7.014 7.457 7.014 1994 ia) sc-02 7.014 7.043 7.217 7.189 7.263 7.556 7.557 7.557 7.517

RPM=700	H=52.04	P=48.33	P (psi) =	7.009	RPM=720	H=52.34	P=48.42	P (psi) =	
Wed	May	11	14:43:03	1994	Wed	May		14:47:08	1994
	Average (Average (ps			Average (•	Average (ps	
Transducer	sc-01	sc-02		sc-02	Transducer	sc-01	sc-02		sc-02
1	0.000	0.000	7.009	7.009	1	0.000	0.000	7.023	7.022
2	0.029	0.029	7.039	7.039	2	0.029	0.029	7.052	7.052
3	0.378	0.217	7.388	7.227	3	0.399	0.230	7.421	7.253
4	0.368	0.187	7.377	7.196	4	0.388	0.198	7.410	7.221
5	0.362	0.267	7.371	7.276	5	0.381	0.282	7.404	7.305
6	0.356	0.580	7.365	7.589	6	0.374	0.614	7.397	7.637
7	0.350	0.581	7.360	7.590	7	0.368	0.616	7.390	7.638
8	0.802	0.581	7.812	7.590	8	0.847	0.616	7.869	7.638
9	0.773	0.538	7.783	7.548	9	0.818	0.571	7.841	7.593
10	0.708	0.000	7.718	7.009	10	0.749	0.000	7.771	7.022
11	0.646	0.538	7.656	7.547	11	0.684	0.570	7.706	7.593
12	0.512		7.522		12	0.543		7.565	
RPM=740	H=52.63	P=48.40	P (psi) =	7.020	RPM=760	H=52.92	P=48.47	P (psi) =	7.030
Wed	May		14:50:16	1994	Wed	May		14:54:07	1994
wed	Average (Average (ps		,,,,,	Average (Average (ps	
Transducer	sc-01	sc-02		sc-02	Transducer	sc-01	sc-02		sc-02
l ransducei	0.000	0.000	7.020	7.019	I	0.000	0.000	7.030	7.030
2	0.000	0.000	7.049	7.049	2	0.029	0.029	7.059	7.059
3	0.423	0.029	7.443	7.265	3	0.451	0.262	7.481	7.292
4	0.423	0.243	7.433	7.231	4	0.440	0.226	7.470	7.256
5	0.415	0.300	7.425	7.320	5	0.432	0.321	7.462	7.350
	0.403	0.651	7.423	7.670	6	0.426	0.693	7.456	7.723
6		0.653	7.411	7.672	7	0.419	0.695	7.449	7.725
7	0.392		7.918	7.671	8	0.955	0.694	7.985	7.724
8	0.899	0.652	7.889	7.626	9	0.925	0.645	7.954	7.675
9	0.869	0.606		7.020	10	0.846	0.000	7.876	7.030
10	0.795	0.000	7.815			0.772	0.645	7.802	7.674
11	0.725	0.605	7.745	7.625	11		0.043	7.642	7.074
12	0.575		7.594		12	0.612		7.042	
RPM=780	H=53.17	P=48.49	P (psi) =		RPM=800	H=53.39	P=48.46	P (psi) =	
RPM=780 Wed	H=53.17 May		P (psi) = 14:57:02	7.033 1994	RPM=800 Wed	May	11	P (psi) = 14:59:20	7.028 1994
		11		1994	Wed	May Average (11 psid)	14:59:20 Average (ps	1994 sia)
	May	psid) sc-02	14:57:02 Average (ps sc-01	1994 sia) sc-02	Wed Transducer	May Average (sc-01	11 psid) sc-02	14:59:20 Average (ps sc-01	1994 sia) sc-02
Wed Transducer	May Average (psid)	14:57:02 Average (ps sc-01 7.033	1994 sia) sc-02 7.032	Wed Transducer	May Average (sc-01 0.000	psid) sc-02 0.000	14:59:20 Average (ps sc-01 7.029	1994 sia) sc-02 7.028
Wed Transducer	May Average (sc-01 0.000 0.029	psid) sc-02	14:57:02 Average (ps sc-01	1994 sia) sc-02 7.032 7.062	Wed Transducer 1 2	May Average (sc-01 0.000 0.029	psid) sc-02 0.000 0.029	14:59:20 Average (ps sc-01 7.029 7.057	1994 sia) sc-02 7.028 7.058
Wed Transducer	May Average (sc-01 0.000	psid) sc-02 0.000 0.029 0.275	14:57:02 Average (ps sc-01 7.033 7.062 7.506	1994 sia) sc-02 7.032 7.062 7.308	Wed Transducer 1 2 3	May Average (sc-01 0.000 0.029 0.499	psid) sc-02 0.000 0.029 0.292	14:59:20 Average (ps sc-01 7.029 7.057 7.527	1994 sia) sc-02 7.028 7.058 7.320
Wed Transducer 1 2	May Average (sc-01 0.000 0.029	psid) sc-02 0.000 0.029 0.275 0.238	14:57:02 Average (ps sc-01 7.033 7.062	1994 sia) sc-02 7.032 7.062 7.308 7.270	Wed Transducer 1 2 3 4	May Average (sc-01 0.000 0.029 0.499 0.486	psid) sc-02 0.000 0.029 0.292 0.252	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515	1994 sia) sc-02 7.028 7.058 7.320 7.280
Wed Transducer 1 2 3	May Average (sc-01 0.000 0.029 0.474	psid) sc-02 0.000 0.029 0.275	14:57:02 Average (ps sc-01 7.033 7.062 7.506	1994 sia) sc-02 7.032 7.062 7.308	Wed Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.029 0.499 0.486 0.479	psid) sc-02 0.000 0.029 0.292 0.252 0.357	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386
Wed Transducer 1 2 3 4	May Average (sc-01 0.000 0.029 0.474 0.461	psid) sc-02 0.000 0.029 0.275 0.238	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493	1994 sia) sc-02 7.032 7.062 7.308 7.270	Wed Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797
Wed Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.029 0.474 0.461 0.452	psid) sc-02 0.000 0.029 0.275 0.238 0.337	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762	Wed Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799
Wed Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760	Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770	14:59:20 Average (ps se-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798
Wed Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.762 7.711	Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718	14:59:20 Average (ps se-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746
Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729	14:57:02 Average (ps se-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762	Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028
Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.762 7.711	Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746
Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.762 7.762 7.711	Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.762 7.711 7.033 7.710	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883 7.706 P (psi) =	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639 H=53.65	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000 0.677	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841 7.672 P (psi) =	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.762 7.711 7.033 7.710	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855 0.678	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000 0.717	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883 7.706	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639 H=53.65 May	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000 0.677	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841 7.672 P (psi) = 15:01:42	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.762 7.711 7.033 7.710	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855 0.678 H=53.91	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000 0.717	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883 7.706 P (psi) =	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745 . 7.022
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Wed	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639 H=53.65 May Average (psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000 0.677 P=48.43	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841 7.672 P (psi) = 15:01:42 Average (ps	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.762 7.711 7.033 7.710	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855 0.678 H=53.91 May	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000 0.717	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883 7.706 P (psi) = 15:04:17	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745 . 7.022
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Wed	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639 H=53.65 May Average (sc-01	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000 0.677 P=48.43 (psid) sc-02	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841 7.672 P (psi) = 15:01:42 Average (ps sc-01	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.711 7.033 7.710 7.024 1994 sia) sc-02	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Wed	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855 0.678 H=53.91 May Average (psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000 0.717 P=48.42	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883 7.706 P (psi) = 15:04:17 Average (ps	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745 7.022 1994 sia)
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Wed Transducer 1	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639 H=53.65 May Average (sc-01 0.000	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000 0.677 P=48.43 11 (psid) sc-02 0.000	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841 7.672 P (psi) = 15:01:42 Average (ps sc-01 7.024	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.711 7.033 7.710 7.024 1994 sia) sc-02 7.024	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Wed Transducer	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855 0.678 H=53.91 May Average (sc-01	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000 0.717 P=48.42 11 psid) sc-02	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883 7.706 P (psi) = 15:04:17 Average (ps sc-01	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745 7.022 1994 sia) sc-02
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Wed Transducer 1 2	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639 H=53.65 May Average (sc-01 0.000 0.029	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000 0.677 P=48.43 11 (psid) sc-02 0.000 0.029	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841 7.672 P (psi) = 15:01:42 Average (ps sc-01 7.024 7.053	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.711 7.033 7.710 7.024 1994 sia) sc-02 7.024 7.024 7.053	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Wed Transducer 1 2	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855 0.678 H=53.91 May Average (sc-01 0.000	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000 0.717 P=48.42 11 psid) sc-02 0.000	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883 7.706 P (psi) = 15:04:17 Average (ps sc-01 7.023	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745 7.022 1994 sia) sc-02 7.023
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Wed Transducer 1 2 3	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639 H=53.65 May Average (sc-01 0.000 0.029 0.525	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000 0.677 P=48.43 11 (psid) sc-02 0.000 0.029 0.307	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841 7.672 P (psi) = 15:01:42 Average (ps sc-01 7.024 7.053 7.549	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.711 7.033 7.710 7.024 1994 sia) sc-02 7.024 7.053 7.331	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Wed Transducer 1 2 3	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855 0.678 H=53.91 May Average (sc-01 0.000 0.029 0.556	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000 0.717 P=48.42 psid) sc-02 0.000 0.029 0.325	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883 7.706 P (psi) = 15:04:17 Average (ps sc-01 7.023 7.052 7.579	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745 - 7.022 1994 sia) sc-02 7.023 7.052 7.348
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Wed Transducer 1 2 3 4	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639 H=53.65 May Average (sc-01 0.000 0.029 0.525 0.511	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000 0.677 P=48.43 11 (psid) sc-02 0.000 0.029 0.307 0.266	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841 7.672 P (psi) = 15:01:42 Average (ps sc-01 7.024 7.053 7.549 7.535	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.711 7.033 7.710 7.024 1994 sia) sc-02 7.024 7.053 7.331 7.290	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Wed Transducer 1 2 3 4	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855 0.678 H=53.91 May Average (sc-01 0.000 0.029 0.556 0.541	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000 0.717 P=48.42 psid) sc-02 0.000 0.029 0.325 0.282	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883 7.706 P (psi) = 15:04:17 Average (ps sc-01 7.023 7.052 7.579 7.563	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Wed Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639 H=53.65 May Average (sc-01 0.000 0.029 0.525 0.511 0.504	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000 0.677 P=48.43 11 (psid) sc-02 0.000 0.029 0.307 0.266 0.376	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841 7.672 P (psi) = 15:01:42 Average (ps sc-01 7.024 7.053 7.549 7.535 7.527	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.762 7.711 7.033 7.710 7.024 1994 sia) sc-02 7.024 7.053 7.331 7.290 7.400	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Wed Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855 0.678 H=53.91 May Average (sc-01 0.000 0.029 0.556 0.541 0.532	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000 0.717 P=48.42 psid) sc-02 0.002 0.029 0.325 0.282 0.398	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883 7.706 P (psi) = 1 15:04:17 Average (ps sc-01 7.023 7.052 7.579 7.563 7.554	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745 7.022 1994 sia) sc-02 7.052 7.052 7.052 7.048 7.304 7.421
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Wed Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639 H=53.65 May Average (sc-01 0.000 0.029 0.525 0.511 0.504 0.495	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000 0.677 P=48.43 11 (psid) sc-02 0.000 0.029 0.307 0.266 0.376 0.809	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841 7.672 P (psi) = 15:01:42 Average (ps sc-01 7.024 7.053 7.549 7.535 7.527 7.519	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.711 7.033 7.710 7.024 1994 sia) sc-02 7.024 7.053 7.331 7.290 7.400 7.833	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Wed Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855 0.678 H=53.91 May Average (sc-01 0.000 0.029 0.556 0.541 0.532 0.523	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000 0.717 P=48.42 11 psid) sc-02 0.002 0.029 0.325 0.282 0.398 0.853	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.883 7.706 P (psi) = 15:04:17 Average (ps sc-01 7.023 7.052 7.579 7.563 7.554 7.546	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745 7.022 1994 sia) sc-02 7.023 7.052 7.348 7.304 7.421 7.876
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Wed Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639 H=53.65 May Average (sc-01 0.000 0.029 0.525 0.511 0.504 0.495 0.487	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000 0.677 P=48.43 11 (psid) sc-02 0.000 0.029 0.307 0.266 0.376 0.809 0.811	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841 7.672 P (psi) = 15:01:42 Average (ps sc-01 7.024 7.053 7.549 7.535 7.527 7.519 7.511	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.711 7.033 7.710 7.024 1994 sia) sc-02 7.024 7.053 7.331 7.290 7.400 7.833 7.835	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Wed Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855 0.678 H=53.91 May Average (sc-01 0.000 0.029 0.556 0.541 0.532 0.523 0.514	psid) sc-02 0.000 0.029 0.252 0.357 0.768 0.771 0.770 0.718 0.000 0.717 P=48.42 11 psid) sc-02 0.000 0.029 0.325 0.282 0.398 0.853 0.855	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883 7.706 P (psi) = 1 15:04:17 Average (ps sc-01 7.023 7.052 7.579 7.563 7.554 7.546 7.537	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745 7.022 1994 sia) sc-02 7.023 7.052 7.348 7.304 7.421 7.876 7.877
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639 H=53.65 May Average (sc-01 0.000 0.029 0.525 0.511 0.504 0.495 0.487 1.115	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000 0.677 P=48.43 11 (psid) sc-02 0.000 0.029 0.307 0.266 0.376 0.309 0.811 0.811	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841 7.672 P (psi) = 15:01:42 Average (ps sc-01 7.024 7.053 7.549 7.535 7.527 7.519 7.511 8.139	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.711 7.033 7.710 7.024 1994 sia) sc-02 7.024 7.053 7.331 7.290 7.400 7.833 7.835 7.835	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855 0.678 H=53.91 May Average (sc-01 0.000 0.029 0.556 0.541 0.532 0.523 0.514 1.177	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000 0.717 P=48.42 11 (psid) sc-02 0.000 0.029 0.325 0.282 0.398 0.853 0.855 0.854	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883 7.706 P (psi) = 1 15:04:17 Average (ps sc-01 7.023 7.052 7.579 7.563 7.554 7.546 7.537 8.199	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745 7.022 1994 sia) sc-02 7.023 7.052 7.348 7.304 7.421 7.876 7.876
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Wed Transducer 1 2 3 4 5 6 7 8 9 9	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639 H=53.65 May Average (sc-01 0.000 0.029 0.525 0.511 0.504 0.495 0.487 1.115 1.081	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000 0.677 P=48.43 11 (psid) sc-02 0.000 0.029 0.307 0.266 0.376 0.309 0.811 0.811 0.756	14:57:02 Average (pse-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841 7.672 P (psi) = 15:01:42 Average (pse-01 7.024 7.053 7.549 7.535 7.527 7.511 8.139 8.105	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.711 7.033 7.710 7.024 1994 sia) sc-02 7.024 7.053 7.331 7.290 7.400 7.833 7.835 7.835 7.835 7.780	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Wed Transducer 1 2 3 4 5 6 7 8 9 9	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855 0.678 H=53.91 May Average (sc-01 0.000 0.029 0.556 0.541 0.532 0.533 0.514 1.177 1.141	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000 0.717 P=48.42 11 psid) sc-02 0.000 0.029 0.325 0.282 0.398 0.853 0.855 0.854 0.797	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883 7.706 P (psi) = 15:04:17 Average (ps sc-01 7.023 7.052 7.579 7.563 7.554 7.554 7.554 7.554 7.554 7.537 8.199 8.163	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745 7.022 1994 sia) sc-02 7.023 7.052 7.348 7.304 7.421 7.876 7.876 7.820
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639 H=53.65 May Average (sc-01 0.000 0.029 0.525 0.511 0.504 0.495 0.487 1.115 1.081 0.987	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000 0.677 P=48.43 11 (psid) sc-02 0.000 0.029 0.307 0.266 0.376 0.809 0.811 0.811 0.756 0.000	14:57:02 Average (ps sc-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841 7.672 P (psi) = 15:01:42 Average (ps sc-01 7.024 7.053 7.549 7.535 7.527 7.519 7.511 8.139 8.105 8.011	7.024 7.024 7.053 7.700 7.760 7.762 7.711 7.033 7.710 7.024 1994 sia) sc-02 7.024 7.053 7.331 7.290 7.400 7.833 7.835 7.80 7.024	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855 0.678 H=53.91 May Average (sc-01 0.000 0.029 0.556 0.541 0.532 0.523 0.514 1.177 1.141 1.041	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000 0.717 P=48.42 11 psid) sc-02 0.000 0.029 0.325 0.282 0.398 0.853 0.855 0.854 0.797 0.000	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883 7.706 P (psi) = 15:04:17 Average (ps sc-01 7.023 7.052 7.579 7.563 7.554 7.554 7.554 7.554 7.537 8.199 8.163 8.064	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745 7.022 1994 sia) sc-02 7.023 7.052 7.348 7.304 7.421 7.876 7.876 7.820 7.023
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Wed Transducer 1 2 3 4 5 6 7 8 9 9	May Average (sc-01 0.000 0.029 0.474 0.461 0.452 0.444 0.436 1.001 0.972 0.886 0.808 0.639 H=53.65 May Average (sc-01 0.000 0.029 0.525 0.511 0.504 0.495 0.487 1.115 1.081	psid) sc-02 0.000 0.029 0.275 0.238 0.337 0.728 0.730 0.729 0.678 0.000 0.677 P=48.43 11 (psid) sc-02 0.000 0.029 0.307 0.266 0.376 0.309 0.811 0.811 0.756	14:57:02 Average (pse-01 7.033 7.062 7.506 7.493 7.485 7.477 7.469 8.034 8.005 7.919 7.841 7.672 P (psi) = 15:01:42 Average (pse-01 7.024 7.053 7.549 7.535 7.527 7.511 8.139 8.105	1994 sia) sc-02 7.032 7.062 7.308 7.270 7.370 7.760 7.762 7.762 7.711 7.033 7.710 7.024 1994 sia) sc-02 7.024 7.053 7.331 7.290 7.400 7.833 7.835 7.835 7.835 7.780	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Wed Transducer 1 2 3 4 5 6 7 8 9 9	May Average (sc-01 0.000 0.029 0.499 0.486 0.479 0.471 0.461 1.057 1.027 0.937 0.855 0.678 H=53.91 May Average (sc-01 0.000 0.029 0.556 0.541 0.532 0.533 0.514 1.177 1.141	psid) sc-02 0.000 0.029 0.292 0.252 0.357 0.768 0.771 0.770 0.718 0.000 0.717 P=48.42 11 psid) sc-02 0.000 0.029 0.325 0.282 0.398 0.853 0.855 0.854 0.797	14:59:20 Average (ps sc-01 7.029 7.057 7.527 7.515 7.507 7.499 7.490 8.086 8.055 7.965 7.883 7.706 P (psi) = 15:04:17 Average (ps sc-01 7.023 7.052 7.579 7.563 7.554 7.554 7.554 7.554 7.554 7.537 8.199 8.163	1994 sia) sc-02 7.028 7.058 7.320 7.280 7.386 7.797 7.799 7.798 7.746 7.028 7.745 7.022 1994 sia) sc-02 7.023 7.052 7.348 7.304 7.421 7.876 7.876 7.820

RPM=860 Wed	May		15:06:5		RPM=880 Wed	H=54.46 May	-	1 15:09:3	
	Average	'a '	Average (Average		Average (
Transducer		sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
1	0.001	0.000	7.017	7.017	1	0.000	0.000	7.016	7.015
2	0.029	0.029	7.046	7.046	2	0.029	0.029	7.045	7.045
3	0:584	0.343	7.601	7.359	3	0.615	0.362	7.630	7.377
4	0.569	0.297	7.586	7.313	4	0.598	0.312	7.614	7.328
5	0.561	0.419	7.577	7.436	5	0.588	0.442	7.603	7.457
6	0.551	0.897	7.568	7.913	6	0.577	0.945	7.593	7.960
7	0.541	0.899	7.558	7.916	7	0.568	0.946	7.583	7.961
8	1.238	0.898	8.254	7.915	8	1.302	0.945	8.317	7.960
9	1.203	0.839	8.220	7.855	9	1.264	0.883	8.279	7.898
10	1.096	0.000	8.113	7.017	10	1.152	0.000	8.167	7.015
11	0.997	0.838	8.013	7.855	11	1.047	0.882	8.062	7.897
12	0.784	0.050	7.801	7.055	12	0.824	0.002	7.839	7.657
RPM=900	H=54.76	P=48.36	P (psi) =	= 7.014	RPM=920	H=55.11	P=48.43	P (psi) =	= 7.024
Wed	May	11			Wed	May		1 15:15:4	
	Average (Average (Average (_	Average (
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
1	0.000	0.000	7.014	7.014	1	0.001	0.000	7.025	7.024
2	0.029	0.029	7.043	7.043	2	0.001	0.030	7.053	7.054
3									
	0.645	0.380	7.659	7.394	3	0.668	0.393	7.692	7.417
4	0.628	0.328	7.642	7.342	4	0.650	0.339	7.674	7.363
5	0.618	0.464	7.632	7.478	5	0.638	0.480	7.662	7.504
6	0.607	0.993	7.621	8.007	6	0.626	1.029	7.650	8.053
7	0.596	0.995	7.610	8.009	7	0.613	1.031	7.637	8.055
8	1.368	0.995	8.382	8.008	8	1.412	1.029	8.436	8.053
9	1.331	0.930	8.345	7.943	9	1.377	0.964	8.401	7.988
10	1.214	0.000	8.228	7.014	10	1.256	0.000	8.280	7.024
11	1.103	0.929	8.117	7.943	11	1.140	0.963	8.163	7.987
12	0.865		7.879		12	0.895		7.919	
RPM=940	H=55.46	P=48.43	P (psi) =		RPM=960	H=55.71	P=48.42	P (psi) =	7.022
RPM=940 Wed	May	11			RPM=960 Wed	H=55.71 May	P=48.42	15:21:18	1994
Wed	May Average (p	osid)	15:19:15 Average (p	1994 sia)	Wed		11 osid)	14 /	1994
Wed Transducer	May Average (p sc-01	11 osid) sc-02	15:19:15 Average (p sc-01	1994 esia) sc-02	Wed Transducer	May Average (p sc-01	11 osid) sc-02	15:21:18 Average (p sc-01	1994
Wed Transducer	May Average (p sc-01 0.001	11 osid) sc-02 0.000	15:19:15 Average (p sc-01 7.025	1994 osia) sc-02 7.024	Wed Transducer	May Average (p sc-01 0.001	11 osid)	15:21:18 Average (p	sc-02 7.023
Wed Transducer 1 2	May Average (p sc-01 0.001 0.029	osid) sc-02 0.000 0.029	15:19:15 Average (p sc-01 7.025 7.053	1994 osia) sc-02 7.024 7.053	Wed Transducer 1 2	May Average (p sc-01 0.001 0.030	11 osid) sc-02	15:21:18 Average (p sc-01 7.023 7.052	1994 osia) sc-02
Wed Transducer 1 2 3	May Average (p sc-01 0.001 0.029 0.700	11 osid) sc-02 0.000	15:19:15 Average (p sc-01 7.025 7.053 7.724	1994 osia) sc-02 7.024	Wed Transducer	May Average (p sc-01 0.001	11 osid) sc-02 0.000	15:21:18 Average (p sc-01 7.023	sc-02 7.023
Wed Transducer 1 2	May Average (p sc-01 0.001 0.029	osid) sc-02 0.000 0.029	15:19:15 Average (p sc-01 7.025 7.053	1994 osia) sc-02 7.024 7.053	Wed Transducer 1 2	May Average (p sc-01 0.001 0.030	0.000 0.030	15:21:18 Average (p sc-01 7.023 7.052	sc-02 7.023 7.052
Wed Transducer 1 2 3	May Average (p sc-01 0.001 0.029 0.700	0.000 0.029 0.414	15:19:15 Average (p sc-01 7.025 7.053 7.724	1994 osia) sc-02 7.024 7.053 7.438	Wed Transducer 1 2 3	May Average (p sc-01 0.001 0.030 0.727	osid) sc-02 0.000 0.030 0.429	15:21:18 Average (p sc-01 7.023 7.052 7.749	sia) sc-02 7.023 7.052 7.452
Wed Transducer 1 2 3 4	May Average (psc-01 0.001 0.029 0.700 0.681	0.000 0.029 0.414 0.359	15:19:15 Average (p sc-01 7.025 7.053 7.724 7.705	1994 (sia) sc-02 7.024 7.053 7.438 7.383	Wed Transducer 1 2 3 4	May Average (psc-01 0.001 0.030 0.727 0.705	osid) sc-02 0.000 0.030 0.429 0.372	15:21:18 Average (p sc-01 7.023 7.052 7.749 7.727	sia) sc-02 7.023 7.052 7.452 7.395
Wed Transducer 1 2 3 4 5	May Average (psc-01 0.001 0.029 0.700 0.681 0.669	0.000 0.029 0.414 0.359 0.506	15:19:15 Average (p sc-01 7.025 7.053 7.724 7.705 7.693	sia) sc-02 7.024 7.053 7.438 7.383 7.530	Wed Transducer 1 2 3 4 5	May Average (psc-01 0.001 0.030 0.727 0.705 0.692	0.000 0.030 0.429 0.524	15:21:18 Average (p sc-01 7.023 7.052 7.749 7.727 7.714	sc-02 7.023 7.052 7.452 7.395 7.546 8.150
Wed Transducer 1 2 3 4 5 6	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657	11 osid) sc-02 0.000 0.029 0.414 0.359 0.506 1.086	15:19:15 Average (p sc-01 7.025 7.053 7.724 7.705 7.693 7.681	sisia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110	Wed Transducer 1 2 3 4 5 6	May Average (p sc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687	sc-02 7.023 7.052 7.452 7.395 7.546
Wed Transducer 1 2 3 4 5 6 7	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494	0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087	15:19:15 Average (p sc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111	Wed Transducer 1 2 3 4 5 6 7	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687 8.568	sc-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151
Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018	15:19:15 Average (p sc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042	Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687 8.568 8.531	sc-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080
Wed Transducer 1 2 3 4 5 6 7 8	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000	15:19:15 Average (p sc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042 7.024	Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687 8.568 8.531 8.397	sc-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023
Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018	15:19:15 Average (p sc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042	Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687 8.568 8.531	sc-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325 1.205 0.943 H=56.04	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017	15:19:15 Average (psc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967 P (psi) =	seia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042 7.024 8.041	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687 8.568 8.531 8.397 8.271	sc-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023 8.079
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.456 1.325 1.205 0.943	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017	15:19:15 Average (p sc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967	seia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042 7.024 8.041	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248 0.975	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001 1.056	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687 8.568 8.531 8.397 8.271 7.997 P (psi) =	sc-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023 8.079
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325 1.205 0.943 H=56.04	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017	15:19:15 Average (psc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967 P (psi) =	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042 7.024 8.041 7.021	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248 0.975 H=56.38	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001 1.056	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687 8.568 8.531 8.397 8.271 7.997 P (psi) =	sc-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023 8.079
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325 1.205 0.943 H=56.04 May	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017	15:19:15 Average (psc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967 P (psi) = 15:24:02 Average (ps	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042 7.024 8.041 7.021	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248 0.975 H=56.38 May	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001 1.056	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687 8.568 8.531 8.397 8.271 7.997 P (psi) = 15:27:06	sc-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023 8.079
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Wed	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325 1.205 0.943 H=56.04 May Average (p	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017	15:19:15 Average (psc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967 P (psi) = 15:24:02 Average (ps	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042 7.024 8.041	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Wed	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248 0.975 H=56.38 May Average (p	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001 1.056 P=48.43 11 sc-02	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687 8.568 8.531 8.397 8.271 7.997 P (psi) = 15:27:06 Average (p	sc-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023 8.079 7.024 1994 sia) sc-02
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Wed Transducer	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325 1.205 0.943 H=56.04 May Average (psc-01	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017 P=48.41 sc-02	15:19:15 Average (psc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967 P (psi) = 15:24:02 Average (psc-01)	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042 7.024 8.041 7.021 1994 sia) sc-02	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Wed Transducer	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248 0.975 H=56.38 May Average (psc-01	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001 1.056 P=48.43 11 sc-02 0.001	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687 8.568 8.531 8.397 8.271 7.997 P (psi) = 15:27:06 Average (psc-01 7.025	sc-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023 8.079 7.024 1994 sia) sc-02 7.025
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Wed Transducer 1	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325 1.205 0.943 H=56.04 May Average (psc-01 0.001	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017 P=48.41 sc-02 0.001	15:19:15 Average (psc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967 P (psi) = 15:24:02 Average (psc-01 7.022	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042 7.024 8.041 7.021 1994 sia) sc-02 7.022	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Wed Transducer 1	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248 0.975 H=56.38 May Average (psc-01 0.001	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001 1.056 P=48.43 11 sc-02	15:21:18 Average (psc-01 7.023 7.052 7.749 7.701 7.687 8.568 8.531 8.397 8.271 7.997 P (psi) = 15:27:06 Average (psc-01	1994 1994 1994 1995 1994 1994 1994 1994 1994 1994 1994 1994 1994 1994
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Wed Transducer 1 2 3	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325 1.205 0.943 H=\$56.04 May Average (psc-01 0.001 0.029 0.764	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017 P=48.41 sc-02 0.001 0.030 0.452	15:19:15 Average (psc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967 P (psi) = 15:24:02 Average (psc-01 7.022 7.051 7.785	1994 1994 1994 1994 1994 1994 1994 1994 1994 1994 1994 1994 1994 1994 1994 1994 1994	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Wed Transducer 1 2 3	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248 0.975 H=56.38 May Average (psc-01 0.001 0.030 0.793	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001 1.056 P=48.43 11 sc-02 0.001 0.030 0.470	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687 8.568 8.531 8.397 8.271 7.997 P (psi) = 15:27:06 Average (psc-01 7.025 7.053 7.817	1994 sc-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023 8.079 7.024 1994 sia) sc-02 7.025 7.053 7.494
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Wed Transducer 1 2 3 4	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325 1.205 0.943 H=56.04 May Average (psc-01 0.001 0.029 0.764 0.744	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017 P=48.41 sid) sc-02 0.001 0.030 0.452 0.391	15:19:15 Average (psc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967 P (psi) = 15:24:02 Average (psc-01 7.022 7.051 7.785 7.765	1994 sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042 7.024 8.041 7.021 1994 sia) sc-02 7.022 7.022 7.053 7.473 7.412	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Wed Transducer 1 2 3 4	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248 0.975 H=56.38 May Average (psc-01 0.001 0.030 0.793 0.770	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001 1.056 P=48.43 11 sc-02 0.001 0.030 0.470 0.408	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687 8.568 8.531 8.397 8.271 7.997 P (psi) = 15:27:06 Average (psc-01 7.025 7.053 7.817 7.794	1994 sc-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023 8.079 7.024 1994 sia) sc-02 7.025 7.053 7.494 7.432
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Wed Transducer 1 2 3 4 5	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325 1.205 0.943 H=56.04 May Average (psc-01 0.001 0.029 0.764 0.744 0.731	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017 P=48.41 sid) sc-02 0.001 0.030 0.452 0.391 0.552	15:19:15 Average (psc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967 P (psi) = 15:24:02 Average (psc-01 7.022 7.051 7.785 7.765 7.752	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042 7.024 8.041 7.021 1994 sia) sc-02 7.022 7.051 7.473 7.412 7.573	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Wed Transducer 1 2 3 4 5	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248 0.975 H=56.38 May Average (psc-01 0.001 0.030 0.793 0.770 0.757	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001 1.056 P=48.43 11 sc-02 0.001 0.030 0.470 0.408 0.574	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687 8.568 8.531 8.397 8.271 7.997 P (psi) = 15:27:06 Average (psc-01 7.025 7.053 7.817 7.794 7.780	1994 sia) sc-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023 8.079 7.024 1994 sia) sc-02 7.025 7.053 7.494 7.432 7.598
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Wed Transducer 1 2 3 4 5 6	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325 1.205 0.943 H=56.04 May Average (psc-01 0.001 0.029 0.764 0.744 0.731 0.717	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017 P=48.41 sid) sc-02 0.001 0.030 0.452 0.391 0.552 1.182	15:19:15 Average (psc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967 P (psi) = 15:24:02 Average (psc-01 7.022 7.051 7.785 7.765 7.752 7.738	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042 7.024 8.041 7.021 1994 sia) sc-02 7.022 7.051 7.473 7.412 7.573 8.203	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Wed Transducer 1 2 3 4 5 6	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248 0.975 H=56.38 May Average (psc-01 0.030 0.793 0.770 0.757 0.744	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001 1.056 P=48.43 11 sc-02 0.001 0.030 0.470 0.408 0.574 1.229	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687 8.568 8.531 8.397 8.271 7.997 P (psi) = 15:27:06 Average (psc-01 7.025 7.053 7.817 7.794 7.780 7.768	1994 sia) sc-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023 8.079 7.024 1994 sia) sc-02 7.025 7.053 7.494 7.432 7.598 8.253
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Wed Transducer 1 2 3 4 5 6 7	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325 1.205 0.943 H=56.04 May Average (psc-01 0.001 0.029 0.764 0.744 0.731 0.717 0.702	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017 P=48.41 sid) sc-02 0.001 0.030 0.452 0.391 0.552 1.182 1.185	15:19:15 Average (psc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967 P (psi) = 15:24:02 Average (psc-01 7.022 7.051 7.785 7.765 7.752 7.738 7.723	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.111 8.042 7.024 8.041 7.021 1994 sia) sc-02 7.022 7.051 7.473 7.412 7.573 8.203 8.206	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Wed Transducer 1 2 3 4 5 6 7	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248 0.975 H=56.38 May Average (psc-01 0.030 0.793 0.770 0.757 0.744 0.729	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001 1.056 P=48.43 11 sc-02 0.001 0.030 0.470 0.408 0.574 1.229 1.232	15:21:18 Average (psc-01 7.023 7.052 7.749 7.727 7.714 7.701 7.687 8.568 8.531 8.397 8.271 7.997 P (psi) = 15:27:06 Average (psc-01 7.025 7.053 7.817 7.794 7.780 7.768 7.753	sc-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023 8.079 7.024 1994 sia) sc-02 7.025 7.053 7.494 7.432 7.598 8.253 8.256
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Wed Transducer 1 2 3 4 5 6 7 8	May Average (g sc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325 1.205 0.943 H=56.04 May Average (p sc-01 0.001 0.029 0.764 0.744 0.731 0.717 0.702 1.626	psid) sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017 P=48.41 11 sid) sc-02 0.001 0.030 0.452 0.391 0.552 1.182 1.185 1.184	15:19:15 Average (psc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967 P (psi) = 15:24:02 Average (psc-01 7.022 7.051 7.785 7.765 7.752 7.738 7.723 8.647	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042 7.024 8.041 7.021 1994 sia) sc-02 7.022 7.051 7.473 7.412 7.573 8.203 8.206 8.205	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Wed Transducer 1 2 3 4 5 6 7 8	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248 0.975 H=56.38 May Average (psc-01 0.001 0.030 0.793 0.770 0.757 0.744 0.729 1.682	sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001 1.056 P=48.43 11 sid) sc-02 0.001 0.030 0.470 0.408 0.574 1.229 1.232 1.231	15:21:18 Average (psc-01 7.023 7.052 7.749 7.714 7.701 7.687 8.568 8.531 8.397 8.271 7.997 P (psi) = 15:27:06 Average (psc-01 7.025 7.053 7.817 7.794 7.780 7.768 7.753 8.706	7.024 1994 1994 1995 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023 8.079 7.024 1994 1994 1994 1994 1994 1994 1994 19
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (g sc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325 1.205 0.943 H=56.04 May Average (p sc-01 0.001 0.029 0.764 0.744 0.731 0.717 0.702 1.626 1.586	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017 P=48.41 sc-02 0.001 0.030 0.452 0.391 0.552 1.182 1.185 1.184 1.110	15:19:15 Average (psc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967 P (psi) = 15:24:02 Average (psc-01 7.022 7.051 7.785 7.765 7.752 7.738 7.723 8.647 8.607	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042 7.024 8.041 7.021 1994 sia) sc-02 7.022 7.051 7.473 7.412 7.573 8.203 8.206 8.205 8.131	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248 0.975 H=56.38 May Average (psc-01 0.001 0.030 0.793 0.770 0.757 0.744 0.729 1.682 1.649	sid) sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001 1.056 P=48.43 11 sid) sc-02 0.001 0.030 0.470 0.408 0.574 1.229 1.232 1.231 1.155	15:21:18 Average (psc-01 7.023 7.052 7.749 7.701 7.687 8.568 8.531 8.397 8.271 7.997 P (psi) = 15:27:06 Average (psc-01 7.025 7.053 7.817 7.794 7.780 7.768 7.753 8.706 8.673	7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023 8.079 7.024 1994 sia) sc-02 7.025 7.053 7.494 7.432 7.598 8.253 8.256 8.255 8.179
Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (psc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325 1.205 0.943 H=56.04 May Average (psc-01 0.001 0.029 0.764 0.744 0.731 0.717 0.702 1.626 1.586 1.444	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017 P=48.41 sid) sc-02 0.001 0.030 0.452 0.391 0.552 1.182 1.185 1.184 1.110 0.001	15:19:15 Average (psc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967 P (psi) = 15:24:02 Average (psc-01 7.022 7.051 7.785 7.765 7.752 7.738 7.723 8.647 8.607 8.465	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042 7.024 8.041 7.021 1994 sia) sc-02 7.051 7.473 7.412 7.573 8.203 8.206 8.205 8.131 7.022	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (18 sc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248 0.975 H=56.38 May Average (psc-01 0.030 0.793 0.770 0.757 0.754 0.729 1.682 1.649 1.503	sid) sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001 1.056 P=48.43 11 sid) sc-02 0.001 0.030 0.470 0.408 0.574 1.229 1.232 1.231 1.155 0.001	15:21:18 Average (psc-01 7.023 7.052 7.749 7.701 7.687 8.568 8.531 8.397 8.271 7.997 P (psi) = 15:27:06 Average (psc-01 7.025 7.053 7.817 7.794 7.780 7.768 7.753 8.706 8.673 8.527	7.024 1994 1994 5c-02 7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023 8.079 7.024 1994 5ia) 5c-02 7.025 7.053 7.494 7.432 7.598 8.253 8.256 8.255 8.179 7.025
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (g sc-01 0.001 0.029 0.700 0.681 0.669 0.657 0.644 1.494 1.456 1.325 1.205 0.943 H=56.04 May Average (p sc-01 0.001 0.029 0.764 0.744 0.731 0.717 0.702 1.626 1.586	sc-02 0.000 0.029 0.414 0.359 0.506 1.086 1.089 1.087 1.018 0.000 1.017 P=48.41 sc-02 0.001 0.030 0.452 0.391 0.552 1.182 1.185 1.184 1.110	15:19:15 Average (psc-01 7.025 7.053 7.724 7.705 7.693 7.681 7.668 8.517 8.479 8.349 8.228 7.967 P (psi) = 15:24:02 Average (psc-01 7.022 7.051 7.785 7.765 7.752 7.738 7.723 8.647 8.607	sia) sc-02 7.024 7.053 7.438 7.383 7.530 8.110 8.113 8.111 8.042 7.024 8.041 7.021 1994 sia) sc-02 7.022 7.051 7.473 7.412 7.573 8.203 8.206 8.205 8.131	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (psc-01 0.001 0.030 0.727 0.705 0.692 0.679 0.664 1.545 1.509 1.374 1.248 0.975 H=56.38 May Average (psc-01 0.001 0.030 0.793 0.770 0.757 0.744 0.729 1.682 1.649	sid) sc-02 0.000 0.030 0.429 0.372 0.524 1.127 1.130 1.128 1.057 0.001 1.056 P=48.43 11 sid) sc-02 0.001 0.030 0.470 0.408 0.574 1.229 1.232 1.231 1.155	15:21:18 Average (psc-01 7.023 7.052 7.749 7.701 7.687 8.568 8.531 8.397 8.271 7.997 P (psi) = 15:27:06 Average (psc-01 7.025 7.053 7.817 7.794 7.780 7.768 7.753 8.706 8.673	7.023 7.052 7.452 7.395 7.546 8.150 8.152 8.151 8.080 7.023 8.079 7.024 1994 sia) sc-02 7.025 7.053 7.494 7.432 7.598 8.253 8.256 8.255 8.179

RPM=1020	H=56.73		P (psi) = 1		RPM=1040	H=57.03		P(psi) =	7.017 1994
Wed	May Average (nsid)	15:29:41 Average (psi	1994 ia)	Wed	May Average (15:32:12 Average (ps	
Transducer	sc-01			sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
lansaucei	0.001	0.001	7.021	7.020	l	0.001	0.001	7.018	7.017
2	0.030	0.030	7.049	7.049	2	0.030	0.030	7.047	7.047
	0.830	0.492	7.850	7.512	3	0.861	0.510	7.878	7.527
3				7.446	4	0.838	0.441	7.855	7.458
4	0.807	0.427	7.827		5	0.823	0.622	7.840	7.638
5	0.794	0.600	7.814	7.620			1.333	7.825	8.349
6	0.779	1.283	7.799	8.302	6	0.808		7.823	8.352
7	0.760	1.286	7.780	8.306	7	0.790	1.336		
8	1.746	1.284	8.766	8.304	8	1.816	1.334	8.833	8.351
9	1.724	1.207	8.744	8.226	9	1.797	1.254	8.814	8.270
10	1.574	0.001	8.593	7.020	10	1.637	0.001	8.654	7.017
11	1.425	1.205	8.444	8.225	11	1.481	1.253	8.497	8.269
12	1.112		8.132		12	1.152		8.168	
RPM=1060	H=57.36	P=48.34	P (psi) =	7.011	RPM=1080	H=57.65	P=48.27	P (psi) =	
Wed	May		15:34:41	1994	Wed	May	11	15:37:05	1994
****	Average (Average (ps			Average (psid)	Average (ps	ia)
Transducer	sc-01			sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
	0.001	0.001	7.012	7.012	1	0.001	0.001	7.002	7.002
1			7.012	7.041	2	0.030	0.030	7.031	7.031
2	0.030	0.030			3	0.934	0.556	7.935	7.556
3	0.895	0.532	7.906	7.543	4	0.908	0.482	7.909	7.483
4	0.872	0.461	7.883	7.472			0.482	7.890	7.675
5	0.856	0.648	7.867	7.659	5	0.890		7.873	8.447
6	0.840	1.388	7.851	8.399	6	0.872	1.446		8.450
7	0.823	1.392	7.834	8.402	7	0.854	1.449	7.855	
8	1.895	1.390	8.906	8.401	8	1.982	1.448	8.982	8.448
9	1.872	1.307	8.883	8.318	9	1.950	1.362	8.951	8.363
10	1.699	0.001	8.710	7.012	10	1.766	0.001	8.767	7.002
11	1.537	1.306	8.547	8.317	11	1.597	1.360	8.598	8.361
12	1.206		8.217		12	1.252		8.253	
RPM=1100	H=57.90	P=48.18	P (psi) =	6.988	RPM=1120	H=58.24	P=48.13	P (psi) =	
RPM=1100 Wed	H=57.90 May	P=48.18		6.988 1994	RPM=1120 Wed	May	11	15:41:44	1994
		11		1994		May Average (psid)	15:41:44 Average (ps	1994 sia)
Wed	May	11	15:39:12 Average (ps	1994		May	psid) sc-02	15:41:44 Average (ps sc-01	1994 sia) sc-02
Wed Transducer	May Average (psid)	15:39:12 Average (ps	1994 ia)	Wed Transducer	May Average (psid)	15:41:44 Average (ps sc-01 6.982	1994 sia) sc-02 6.982
Wed Transducer	May Average (sc-01 0.001	psid) sc-02	15:39:12 Average (ps sc-01	1994 ia) sc-02	Wed Transducer 1 2	May Average (sc-01	psid) sc-02 0.001 0.030	15:41:44 Average (ps sc-01 6.982 7.010	1994 sia) sc-02 6.982 7.010
Wed Transducer 1 2	May Average (sc-01 0.001 0.030	psid) sc-02 0.001 0.030	15:39:12 Average (ps sc-01 6.989	1994 ia) sc-02 6.989	Wed Transducer	May Average (sc-01 0.001	psid) sc-02 0.001	15:41:44 Average (ps sc-01 6.982 7.010 7.987	1994 sia) sc-02 6.982 7.010 7.583
Wed Transducer 1 2 3	May Average (sc-01 0.001 0.030 0.966	psid) sc-02 0.001 0.030 0.578	15:39:12 Average (ps sc-01 6.989 7.017	1994 ia) sc-02 6.989 7.017	Wed Transducer 1 2	May Average (sc-01 0.001 0.030	psid) sc-02 0.001 0.030	15:41:44 Average (ps sc-01 6.982 7.010	1994 sia) sc-02 6.982 7.010
Wed Transducer 1 2 3 4	May Average (sc-01 0.001 0.030 0.966 0.938	psid) sc-02 0.001 0.030 0.578 0.501	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926	1994 ia) sc-02 6.989 7.017 7.565 7.489	Wed Transducer 1 2 3 4	May Average (sc-01 0.001 0.030 1.006	psid) sc-02 0.001 0.030 0.603	15:41:44 Average (ps sc-01 6.982 7.010 7.987	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712
Wed Transducer 1 2 3 4 5	May Average (sc-01 0.001 0.030 0.966 0.938 0.920	psid) sc-02 0.001 0.030 0.578 0.501 0.701	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689	Wed Transducer 1 2 3	May Average (sc-01 0.001 0.030 1.006 0.977	psid) sc-02 0.001 0.030 0.603 0.522	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957	1994 sia) sc-02 6.982 7.010 7.583 7.502
Wed Transducer 1 2 3 4 5 6	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484	Wed Transducer 1 2 3 4 5	May Average (sc-01 0.001 0.030 1.006 0.977 0.957	psid) sc-02 0.001 0.030 0.603 0.522 0.731	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712
Wed Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.001 0.966 0.938 0.920 0.903 0.883	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489	Wed Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540
Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.001 0.966 0.938 0.920 0.903 0.883 2.033	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487	Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543
Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.033 2.021	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400	Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451
Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.033 2.021 1.832	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989	Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085 8.888	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982
Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.033 2.021	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400	Wed Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.033 2.021 1.832 1.655 1.300	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355	resid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085 8.888 8.708 8.336	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.033 2.021 1.832 1.655 1.300 H=58.61	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) =	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) =	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.033 2.021 1.832 1.655 1.300 H=58.61 May	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) = 15:44:28	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91 May	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) =	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Wed	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.033 2.021 1.832 1.655 1.300 H=58.61 May Average (psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10 (psid)	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) = 15:44:28 Average (ps	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398 6.976 1994 iia)	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Wed	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91 May Average (psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469 P=48.01	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) = 15:46:44 Average (psi	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Wed	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.033 2.021 1.832 1.655 1.300 H=58.61 May Average (sc-01	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10 (psid) sc-02	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) = 15:44:28 Average (ps sc-01	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398 6.976 1994 iia) sc-02	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Wed Transducer	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91 May Average (sc-01	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469 P=48.01 (psid) sc-02	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) = 15:46:44 Average (ps sc-01	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450 6.963 1994 sia) sc-02
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Wed Transducer 1	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.021 1.832 1.655 1.300 H=58.61 May Average (sc-01 0.001	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10 (psid) sc-02 0.001	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) = 15:44:28 Average (ps sc-01 6.978	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398 6.976 1994 iia) sc-02 6.977	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Wed Transducer	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91 May Average (sc-01 0.001	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469 P=48.01 (psid) sc-02 0.001	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) = 15:46:44 Average (ps sc-01 6.964	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450 6.963 1994 sia) sc-02 6.964
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Wed Transducer 1 2	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.021 1.832 1.655 1.300 H=58.61 May Average (sc-01 0.001 0.030	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10 psid) sc-02 0.001 0.030	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) = 15:44:28 Average (ps sc-01 6.978 7.006	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398 6.976 1994 ia) sc-02 6.977 7.006	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Wed Transducer 1 2	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91 May Average (sc-01 0.001 0.030	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469 P=48.01 11 (psid) sc-02 0.001 0.030	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) = 15:46:44 Average (ps sc-01 6.964 6.993	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450 6.963 1994 sia) sc-02 6.964 6.993
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Wed Transducer 1 2 3	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.021 1.832 1.655 1.300 H=58.61 May Average (sc-01 0.001 0.030 1.037	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10 (psid) sc-02 0.001 0.030 0.623	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) = 15:44:28 Average (ps sc-01 6.978 7.006 8.013	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398 6.976 1994 iia) sc-02 6.977 7.006 7.599	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Wed Transducer 1 2 3	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91 May Average (sc-01 0.001 0.030 1.081	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469 P=48.01 11 (psid) sc-02 0.001 0.030 0.651	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) = 15:46:44 Average (ps sc-01 6.993 8.044	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450 6.963 1994 sia) sc-02 6.964 6.993 7.614
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Wed Transducer 1 2	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.021 1.832 1.655 1.300 H=58.61 May Average (sc-01 0.001 0.030	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10 psid) sc-02 0.001 0.030	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) = 15:44:28 Average (ps sc-01 6.978 7.006 8.013 7.982	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398 6.976 1994 iia) sc-02 6.977 7.006 7.599 7.516	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Wed Transducer 1 2 3 4	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91 May Average (sc-01 0.001 0.030 1.081 1.047	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469 P=48.01 11 (psid) sc-02 0.001 0.030 0.651 0.565	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) = 15:46:44 Average (ps sc-01 6.964 6.993 8.044 8.011	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450 6.963 1994 sia) sc-02 6.964 6.993 7.614 7.528
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Wed Transducer 1 2 3	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.021 1.832 1.655 1.300 H=58.61 May Average (sc-01 0.001 0.030 1.037	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10 (psid) sc-02 0.001 0.030 0.623	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) = 15:44:28 Average (ps sc-01 6.978 7.006 8.013	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398 6.976 1994 iia) sc-02 6.977 7.006 7.599	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Wed Transducer 1 2 3 4 5	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91 May Average (sc-01 0.001 0.030 1.081 1.047 1.026	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469 P=48.01 11 (psid) sc-02 0.001 0.030 0.651 0.565 0.789	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) = 1 15:46:44 Average (ps sc-01 6.964 6.993 8.044 8.011 7.989	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450 6.963 1994 sia) sc-02 6.964 6.993 7.614 7.528 7.752
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Wed Transducer 1 2 3 4 5	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.021 1.832 1.655 1.300 H=58.61 May Average (sc-01 0.001 0.030 1.037 1.006	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10 (psid) sc-02 0.001 0.030 0.623 0.540	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) = 15:44:28 Average (ps sc-01 6.978 7.006 8.013 7.982	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398 6.976 1994 iia) sc-02 6.977 7.006 7.599 7.516	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Wed Transducer 1 2 3 4	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91 May Average (sc-01 0.001 0.030 1.081 1.047	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469 P=48.01 11 (psid) sc-02 0.001 0.030 0.651 0.565 0.789 1.680	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) = 1 15:46:44 Average (ps sc-01 6.964 6.993 8.044 8.011 7.989 7.970	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450 6.963 1994 sia) sc-02 6.964 6.993 7.614 7.528 7.752 8.643
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Wed Transducer 1 2 3 4 5 6	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.021 1.832 1.655 1.300 H=58.61 May Average (sc-01 0.001 0.030 1.037 1.006 0.984 0.965	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10 11 (psid) sc-02 0.001 0.030 0.623 0.540 0.756 1.607	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) = 15:44:28 Average (ps sc-01 6.978 7.906 8.013 7.982 7.960	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398 6.976 1994 iia) sc-02 6.977 7.006 7.599 7.516 7.732	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Wed Transducer 1 2 3 4 5	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91 May Average (sc-01 0.001 0.030 1.081 1.047 1.026	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469 P=48.01 11 (psid) sc-02 0.001 0.030 0.651 0.565 0.789	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) = 1 15:46:44 Average (ps sc-01 6.964 6.993 8.044 8.011 7.989	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450 6.963 1994 sia) sc-02 6.964 6.993 7.614 7.528 7.752 8.643 8.647
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Wed Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.021 1.832 1.655 1.300 H=58.61 May Average (sc-01 0.001 0.030 1.037 1.006 0.984 0.965 0.946	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10 11 (psid) sc-02 0.001 0.030 0.623 0.540 0.756 1.607 1.612	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) = 15:44:28 Average (ps sc-01 6.978 7.006 8.013 7.982 7.960 7.941 7.922	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398 6.976 1994 ia) sc-02 6.977 7.006 7.599 7.516 7.732 8.583 8.588	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Wed Transducer 1 2 3 4 5 6	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91 May Average (sc-01 0.030 1.081 1.047 1.026 1.007	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469 P=48.01 11 (psid) sc-02 0.001 0.030 0.651 0.565 0.789 1.680	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) = 1 15:46:44 Average (ps sc-01 6.964 6.993 8.044 8.011 7.989 7.970	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450 6.963 1994 sia) sc-02 6.964 6.993 7.614 7.528 7.752 8.643
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.033 2.021 1.832 1.655 1.300 H=58.61 May Average (sc-01 0.001 0.030 1.037 1.006 0.984 0.965 0.946 2.185	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10 11 (psid) sc-02 0.001 0.030 0.623 0.540 0.756 1.607 1.612 1.609	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) = 15:44:28 Average (ps sc-01 6.978 7.006 8.013 7.982 7.960 7.941 7.922 9.161	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398 6.976 1994 ia) sc-02 6.977 7.006 7.599 7.516 7.732 8.583 8.588 8.585	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Wed Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91 May Average (sc-01 0.030 1.081 1.047 1.026 1.007 0.988	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469 P=48.01 11 (psid) sc-02 0.001 0.030 0.651 0.565 0.789 1.680 1.684	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) = 1 15:46:44 Average (ps sc-01 6.964 6.993 8.044 8.011 7.989 7.970 7.951	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450 6.963 1994 sia) sc-02 6.964 6.993 7.614 7.528 7.752 8.643 8.647
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Wed Transducer 1 2 3 4 5 6 7 8 9 9	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.021 1.832 1.655 1.300 H=58.61 May Average (sc-01 0.030 1.037 1.006 0.984 0.965 0.946 2.185 2.167	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10 11 (psid) sc-02 0.001 0.030 0.623 0.540 0.756 1.607 1.612 1.609 1.518	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) = 15:44:28 Average (ps sc-01 6.978 7.006 8.013 7.982 7.960 7.941 7.922 9.161 9.143	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398 6.976 1994 iia) sc-02 6.977 7.006 7.599 7.516 7.732 8.583 8.588 8.585 8.494	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Wed Transducer 1 2 3 4 5 6 7 8 9 9	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91 May Average (sc-01 0.001 0.030 1.081 1.047 1.026 1.007 0.988 2.278	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469 P=48.01 11 (psid) sc-02 0.001 0.030 0.651 0.565 0.789 1.680 1.684 1.681	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) = 1 15:46:44 Average (ps sc-01 6.964 6.993 8.044 8.011 7.989 7.970 7.951 9.241	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450 6.963 1994 sia) sc-02 6.964 6.993 7.614 7.528 7.752 8.643 8.647 8.645
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.021 1.832 1.655 1.300 H=58.61 May Average (sc-01 0.001 0.030 1.037 1.006 0.984 0.965 0.946 2.185 2.167 1.965	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10 11 (psid) sc-02 0.001 0.030 0.623 0.540 0.756 1.607 1.612 1.609 1.518 0.001	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) = 15:44:28 Average (ps sc-01 6.978 7.006 8.013 7.982 7.960 7.941 7.922 9.161 9.143 8.941	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398 6.976 1994 ia) sc-02 6.977 7.006 7.599 7.516 7.732 8.583 8.585 8.494 6.977	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Wed Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91 May Average (sc-01 0.001 0.030 1.081 1.047 1.026 1.007 0.988 2.278 2.266 2.060	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469 P=48.01 (psid) sc-02 0.030 0.651 0.565 0.789 1.680 1.684 1.681 1.586	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) = 15:46:44 Average (ps sc-01 6.964 6.993 8.044 8.011 7.989 7.970 7.951 9.241 9.229	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450 6.963 1994 sia) sc-02 6.964 6.993 7.614 7.528 7.752 8.643 8.647 8.645 8.549
Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Wed Transducer 1 2 3 4 5 6 7 8 9 9	May Average (sc-01 0.001 0.030 0.966 0.938 0.920 0.903 0.883 2.021 1.832 1.655 1.300 H=58.61 May Average (sc-01 0.030 1.037 1.006 0.984 0.965 0.946 2.185 2.167	psid) sc-02 0.001 0.030 0.578 0.501 0.701 1.496 1.501 1.500 1.412 0.001 1.411 P=48.10 11 (psid) sc-02 0.001 0.030 0.623 0.540 0.756 1.607 1.612 1.609 1.518	15:39:12 Average (ps sc-01 6.989 7.017 7.954 7.926 7.907 7.891 7.871 9.021 9.009 8.820 8.643 8.288 P (psi) = 15:44:28 Average (ps sc-01 6.978 7.006 8.013 7.982 7.960 7.941 7.922 9.161 9.143	1994 ia) sc-02 6.989 7.017 7.565 7.489 7.689 8.484 8.489 8.487 8.400 6.989 8.398 6.976 1994 iia) sc-02 6.977 7.006 7.599 7.516 7.732 8.583 8.588 8.585 8.494	Wed Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Wed Transducer 1 2 3 4 5 6 7 8 9 9	May Average (sc-01 0.001 0.030 1.006 0.977 0.957 0.939 0.920 2.125 2.105 1.908 1.728 1.355 H=58.91 May Average (sc-01 0.001 0.030 1.081 1.047 1.026 1.007 0.988 2.278 2.266	psid) sc-02 0.001 0.030 0.603 0.522 0.731 1.559 1.563 1.560 1.470 0.001 1.469 P=48.01 (psid) sc-02 0.001 0.030 0.651 0.565 0.789 1.680 1.684 1.681 1.586 0.001	15:41:44 Average (ps sc-01 6.982 7.010 7.987 7.957 7.937 7.920 7.901 9.106 9.085 8.888 8.708 8.336 P (psi) = 15:46:44 Average (ps sc-01 6.964 6.993 8.044 8.011 7.989 7.970 7.951 9.241 9.229 9.023	1994 sia) sc-02 6.982 7.010 7.583 7.502 7.712 8.540 8.543 8.540 8.451 6.982 8.450 6.963 1994 sia) sc-02 6.964 6.993 7.614 7.528 7.752 8.643 8.647 8.645 8.549 6.964

DSTO-TN-0150

RPM=0	H=54.88	P=54.89	P (psi)	= 7.961	RPM=0	H=55.11	P=55.11	P (psi)	= 7.993
Wed	May	1	1 15:50:2	6 1994	Wed	May	11	15:56:5	5 1994
	Average (psid)	Average (psia)		Average (psid)	Average (psia)
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
1	0.000	0.000	7.961	7.960	1	0.000	-0.001	7.993	7.992
2	0.023	0.023	7.984	7.984	2	0.024	0.023	8.016	8.016
3	0.000	0.001	7.961	7.961	3	0.000	0.001	7.993	7.993
4	0.000	0.001	7.961	7.961	4	0.000	0.000	7.992	7.993
5	0.000	0.000	7.961	7.961	5	-0.001	0.000	7.992	7.992
6	0.000	0.000	7.961	7.961	6	0.000	0.000	7.993	7.993
7	0.000	0.001	7.961	7.961	7	0.000	0.000	7.993	7.993
8	0.000	0.000	7.960	7.961	8	0.000	-0.001	7.992	7.992
9	0.000	-0.001	- 7.961	7.960	9	-0.001	-0.001	7.992	7.992
10	0.000	0.000	7.961	7.961	10	0.000	0.000	7.993	7.992
11	0.000	0.001	7.961	7.961	11	0.000	0.001	7.992	7.993
12	0.000		7.961		12	0.000		7.992	

A.3 Pressure Data - Nozzle 3 - Incremental (N3 INCR)

RPM=0 Fri	H=48.28 May	P=48.28	P (psi) =		RPM=400 Fri	H=48.75 May	P=47.84	P (psi) =	
	Average (psid)	Average (p	osia)		Average (psid)	Average (p	sia)
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
1	0.000	-0.001	7.002	7.001	1	0.000	0.000	6.939	6.938
2	0.029	0.029	7.032	7.031	2	0.030	0.030	6.968	6.968
3	0.000	0.000	7.002	7.002	3	0.089	0.040	7.028	6.978
4	0.000	0.000	7.002	7.002	4	0.086	0.030	7.024	6.968
				7.002	5	0.084	0.054	7.022	6.993
5	0.000	0.000	7.002		6	0.084	0.148	7.022	7.086
6	0.000	0.000	7.003	7.003				7.021	7.087
7	0.000	0.000	7.002	7.002	7	0.081	0.148		
8	0.000	0.000	7.002	7.002	8	0.213	0.148	7.152	7.086
9	0.000	-0.001	7.002	7.001	9	0.206	0.131	7.144	7.069
10	0.000	0.000	7.002	7.002	10	0.187	0.000	7.126	6.938
11	0.000	0.000	7.002	7.002	11	0.169	0.131	7.108	7.069
12	0.000		7.002		12	0.130		7.068	
RPM=420	H=48.90	P=47.89	P (psi) =	6.946	RPM=440	H=49.00	P=47.89	P (psi) =	6.946
Fri	May		13:56:26		Fri	May	13	13:57:48	
	Average (Average (p		• • •	Average (Average (p	
T	•	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
Transducer	sc-01				1	0.000	0.000	6.946	6.945
1	0.000	0.000	6.946	6.945				6.975	6.975
2	0.030	0.030	6.975	6.975	2	0.030	0.030		
3	0.100	0.044	7.045	6.990	3	0.110	0.049	7.055	6.994
4	0.096	0.033	7.042	6.979	4	0.105	0.037	7.051	6.982
5	0.094	0.061	7.039	7.007	5	0.102	0.067	7.048	7.013
6	0.093	0.164	7.038	7.110	6	0.101	0.181	7.047	7.126
7	0.091	0.165	7.036	7.111	7	0.098	0.181	7.044	7.127
8	0.239	0.165	7.184	7.110	8	0.263	0.181	7.209	7.126
9	0.229	0.146	7.175	7.091	9	0.252	0.161	7.198	7.106
10	0.209	0.000	7.155	6.945	10	0.229	0.000	7.175	6.945
11	0.189	0.146	7.134	7.091	11	0.207	0.161	7.152	7.106
12	0.144	0.140	7.090	7.071	12	0.158	0.202	7.103	
12	0.144		7.090		1	0.100			
DDM-460	H=40 14	P=47 92	P (nsi) =	= 6 950	RPM=480	H=49_31	P=47.95	P (psi) =	: 6.954
RPM=460	H=49.14	P=47.92	P (psi) =		RPM=480	H=49.31 May	P=47.95	P (psi) =	
RPM=460 Fri	May	13	14:00:02	1994	RPM=480 Fri	May	13	14:02:38	1994
Fri	May Average (psid)	14:00:02 Average (I	2 1994 osia)	Fri	May Average (13 (psid)	14:02:38 Average (p	1994 osia)
Fri Transducer	May Average (sc-01	psid) sc-02	14:00:02 Average (p sc-01	2 1994 osia) sc-02	Fri Transducer	May Average (sc-01	13 (psid) sc-02	14:02:38 Average (p sc-01	1994 osia) sc-02
Fri Transducer	May Average (sc-01 0.000	psid) sc-02 -0.001	14:00:02 Average (psc-01 6.950	2 1994 osia) sc-02 6.949	Fri Transducer	May Average (sc-01 0.000	13 (psid) sc-02 0.000	14:02:38 Average (p sc-01 6.955	sc-02 6.954
Fri Transducer 1 2	May Average (sc-01 0.000 0.030	psid) sc-02 -0.001 0.030	14:00:02 Average (psc-01 6.950 6.980	2 1994 osia) sc-02 6.949 6.980	Fri Transducer 1 2	May Average (sc-01 0.000 0.030	13 (psid) sc-02 0.000 0.030	Average (p sc-01 6.955 6.984	sc-02 6.954 6.984
Fri Transducer 1 2 3	May Average (sc-01 0.000 0.030 0.122	psid) sc-02 -0.001 0.030 0.054	14:00:02 Average (psc-01 6.950 6.980 7.072	2 1994 osia) sc-02 6.949 6.980 7.004	Fri Transducer 1 2 3	May Average (sc-01 0.000 0.030 0.135	(psid) sc-02 0.000 0.030 0.060	Average (p sc-01 6.955 6.984 7.090	sc-02 6.954 6.984 7.014
Fri Transducer 1 2 3 4	May Average (sc-01 0.000 0.030 0.122 0.117	psid) sc-02 -0.001 0.030 0.054 0.041	14:00:02 Average (I sc-01 6.950 6.980 7.072 7.067	2 1994 osia) sc-02 6.949 6.980 7.004 6.991	Fri Transducer 1 2 3 4	May Average (sc-01 0.000 0.030 0.135 0.130	(psid) sc-02 0.000 0.030 0.060 0.046	4:02:38 Average (p sc-01 6.955 6.984 7.090 7.084	sc-02 6.954 6.984 7.014 7.000
Fri Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.030 0.122 0.117 0.114	psid) sc-02 -0.001 0.030 0.054 0.041 0.074	14:00:02 Average (psc-01 6.950 6.980 7.072 7.067 7.064	2 1994 osia) sc-02 6.949 6.980 7.004 6.991 7.024	Fri Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.030 0.135 0.130 0.127	(psid) sc-02 0.000 0.030 0.060 0.046 0.083	4:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.081	sc-02 6.954 6.984 7.014 7.000 7.037
Fri Transducer 1 2 3 4	May Average (sc-01 0.000 0.030 0.122 0.117	psid) sc-02 -0.001 0.030 0.054 0.041	14:00:02 Average (psc-01 6.950 6.980 7.072 7.067 7.064 7.064	2 1994 osia) sc-02 6.949 6.980 7.004 6.991	Fri Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219	s 14:02:38 Average (p sc-01 6.955 6.984 7.090 7.084 7.081 7.080	sc-02 6.954 6.984 7.014 7.000 7.037 7.173
Fri Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.030 0.122 0.117 0.114	psid) sc-02 -0.001 0.030 0.054 0.041 0.074	14:00:02 Average (psc-01 6.950 6.980 7.072 7.067 7.064	2 1994 osia) sc-02 6.949 6.980 7.004 6.991 7.024	Fri Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220	s 14:02:38 Average (p sc-01 6.955 6.984 7.090 7.084 7.081 7.080 7.076	sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174
Fri Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.114	13 psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199	14:00:02 Average (psc-01 6.950 6.980 7.072 7.067 7.064 7.064	2 1994 osia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149	Fri Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219	s 14:02:38 Average (p sc-01 6.955 6.984 7.090 7.084 7.081 7.080	sc-02 6.954 6.984 7.014 7.000 7.037 7.173
Fri Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.114 0.110	13 (psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200	14:00:02 Average (I sc-01 6.950 6.980 7.072 7.067 7.064 7.064 7.060	2 1994 osia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150	Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.322 0.308	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196	s 14:02:38 Average (p sc-01 6.955 6.984 7.090 7.084 7.081 7.080 7.076	sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174
Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.114 0.110 0.291 0.278	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177	14:00:02 Average (sc-01 6.950 6.980 7.072 7.067 7.064 7.064 7.060 7.241 7.228	2 1994 osia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127	Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.322 0.308	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196	4:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.081 7.080 7.076 7.276	s 1994 sisia) sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.174
Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.114 0.110 0.291 0.278 0.253	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000	14:00:02 Average (se-01 6.950 6.980 7.072 7.067 7.064 7.064 7.060 7.241 7.228 7.203	2 1994 bsia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950	Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.322 0.308 0.280	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220	4:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.080 7.076 7.276 7.262	s 1994 sisia) sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.174 7.151
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.114 0.110 0.291 0.278 0.253 0.227	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177	14:00:02 Average (I sc-01 6.950 6.980 7.072 7.067 7.064 7.064 7.060 7.241 7.228 7.203 7.177	2 1994 osia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.000 0.030 0.135 0.127 0.125 0.122 0.322 0.308 0.280 0.251	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196 0.000	s 14:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.081 7.076 7.276 7.276 7.262 7.234 7.206	sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.174 7.151 6.954
Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.114 0.110 0.291 0.278 0.253	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000	14:00:02 Average (se-01 6.950 6.980 7.072 7.067 7.064 7.064 7.060 7.241 7.228 7.203	2 1994 bsia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950	Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.322 0.308 0.280	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196 0.000	4:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.080 7.076 7.276 7.262 7.234	sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.174 7.151 6.954
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.114 0.110 0.291 0.278 0.253 0.227 0.174	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177	14:00:02 Average (I sc-01 6.950 6.980 7.072 7.064 7.064 7.064 7.241 7.228 7.203 7.177 7.124	2 1994 osia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.308 0.280 0.251 0.191	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.220 0.196	s 14:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.080 7.076 7.276 7.262 7.234 7.206 7.145	sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.174 7.151 6.954 7.151
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177	14:00:02 Average (I sc-01 6.950 6.980 7.072 7.067 7.064 7.064 7.060 7.241 7.228 7.203 7.177 7.124 P (psi) =	sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.322 0.308 0.280 0.251 0.191 H=49.65	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196 0.000 0.196	s 14:02:38 Average (p sc-01 6.955 6.984 7.090 7.084 7.081 7.076 7.276 7.276 7.262 7.234 7.206 7.145	sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.174 7.151 6.954 7.151
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48 May	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177	14:00:02 Average (I sc-01 6.950 6.980 7.072 7.064 7.064 7.064 7.228 7.203 7.177 7.124 P (psi) = 14:05:25	sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.322 0.322 0.308 0.280 0.251 0.191 H=49.65 May	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196 0.000 0.196	8 14:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.081 7.080 7.076 7.276 7.262 7.234 7.206 7.145 P (psi) =	sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.174 7.151 6.954 7.151
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Fri	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48 May Average (psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177 P=48.00 13 (psid)	14:00:02 Average (I sc-01 6.950 6.980 7.072 7.067 7.064 7.064 7.060 7.241 7.228 7.203 7.177 7.124 P (psi) = 14:05:25 Average (I	sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Fri	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.322 0.308 0.280 0.251 0.191 H=49.65 May Average ((psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196 0.000 0.196 P=48.04 13 (psid)	3 14:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.081 7.076 7.276 7.276 7.262 7.234 7.206 7.145 P (psi) =	sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.174 7.151 6.954 7.151
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Fri Transducer	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48 May Average (sc-01	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177 P=48.00 13 sc-02	14:00:02 Average (I sc-01 6.950 6.980 7.072 7.067 7.064 7.064 7.060 7.241 7.228 7.203 7.177 7.124 P (psi) = 14:05:25 Average (I sc-01	2 1994 bsia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127 = 6.962 5 1994 bsia) sc-02	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Fri Transducer	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.322 0.308 0.280 0.251 0.191 H=49.65 May Average (sc-01	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196 0.000 0.196 P=48.04 13 (psid) sc-02	14:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.081 7.080 7.076 7.276 7.262 7.234 7.206 7.145 P (psi) = 14:08:03 Average (psc-01	s 1994 sia) sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.174 7.151 6.954 7.151 = 6.967 8 1994 sia) sc-02
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Fri Transducer	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48 May Average (sc-01 0.000	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177 P=48.00 13 psid) sc-02 0.000	14:00:02 Average (sc-01 6.950 6.980 7.072 7.064 7.064 7.060 7.241 7.228 7.203 7.177 7.124 P (psi) = 14:05:25 Average (sc-01 6.962	2 1994 bsia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127 = 6.962 5 1994 bsia) sc-02 6.961	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Fri Transducer	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.322 0.308 0.280 0.251 0.191 H=49.65 May Average (sc-01 0.000	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196 0.000 0.196 P=48.04 13 (psid) sc-02 0.000	14:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.080 7.076 7.276 7.262 7.234 7.206 7.145 P (psi) = 14:08:03 Average (psc-01 6.968	s: 1994 sia) sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.151 6.954 7.151 = 6.967 sia) sc-02 6.967
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Fri Transducer 1 2	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48 May Average (sc-01	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177 P=48.00 13 sc-02	14:00:02 Average (sc-01 6.950 6.980 7.072 7.064 7.064 7.060 7.241 7.228 7.203 7.177 7.124 P (psi) = 14:05:25 Average (sc-01 6.962 6.991	2 1994 bsia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127 = 6.962 bsia) sc-02 6.961 6.991	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Fri Transducer	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.322 0.308 0.280 0.251 0.191 H=49.65 May Average (sc-01 0.000 0.030	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196 0.000 0.196 P=48.04 13 (psid) sc-02 0.000 0.029	14:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.080 7.076 7.276 7.262 7.234 7.206 7.145 P (psi) = 14:08:03 Average (psc-01 6.968 6.997	sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.151 6.954 7.151 = 6.967 8 1994 sc-02 6.967 6.997
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Fri Transducer	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48 May Average (sc-01 0.000	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177 P=48.00 13 psid) sc-02 0.000	14:00:02 Average (sc-01 6.950 6.980 7.072 7.064 7.064 7.060 7.241 7.228 7.203 7.177 7.124 P (psi) = 14:05:25 Average (sc-01 6.962	2 1994 bsia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127 = 6.962 5 1994 bsia) sc-02 6.961 6.991 7.027	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Fri Transducer 1 2 3	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.322 0.308 0.280 0.251 0.191 H=49.65 May Average (sc-01 0.000 0.030 0.160	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.196 0.000 0.196 P=48.04 13 (psid) sc-02 0.000 0.029 0.071	14:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.080 7.076 7.276 7.262 7.234 7.206 7.145 P (psi) = 14:08:03 Average (psc-01 6.968 6.997 7.128	s: 1994 sia) sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.174 7.151 6.954 7.151 = 6.967 8 1994 sia) sc-02 6.967 6.997 7.039
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Fri Transducer 1 2	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48 May Average (sc-01 0.000 0.030	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177 P=48.00 13 psid) sc-02 0.000 0.029	14:00:02 Average (sc-01 6.950 6.980 7.072 7.064 7.064 7.060 7.241 7.228 7.203 7.177 7.124 P (psi) = 14:05:25 Average (sc-01 6.962 6.991	2 1994 bsia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127 = 6.962 bsia) sc-02 6.961 6.991	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Fri Transducer	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.308 0.280 0.251 0.191 H=49.65 May Average (sc-01 0.000 0.030 0.160 0.154	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.196 0.000 0.196 P=48.04 13 (psid) sc-02 0.000 0.029 0.071 0.055	14:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.080 7.076 7.276 7.262 7.234 7.206 7.145 P (psi) = 14:08:03 Average (psc-01 6.968 6.997 7.128 7.122	s-1994 sia) sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.171 6.954 7.151 6.954 7.151 sc-02 6.967 6.997 7.039 7.022
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Fri Transducer 1 2 3 4	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48 May Average (sc-01 0.000 0.030 0.148 0.142	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177 P=48.00 13 psid) sc-02 0.000 0.029 0.066 0.050	14:00:02 Average (sc-01 6.950 6.980 7.072 7.064 7.064 7.060 7.241 7.228 7.203 7.177 7.124 P (psi) = 14:05:25 Average (sc-01 6.962 6.991 7.109	2 1994 bsia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127 = 6.962 5 1994 bsia) sc-02 6.961 6.991 7.027	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Fri Transducer 1 2 3	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.322 0.308 0.280 0.251 0.191 H=49.65 May Average (sc-01 0.000 0.030 0.160	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.196 0.000 0.196 P=48.04 13 (psid) sc-02 0.000 0.029 0.071	14:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.080 7.076 7.276 7.262 7.234 7.206 7.145 P (psi) = 14:08:03 Average (psc-01 6.968 6.997 7.128	s: 1994 sia) sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.174 7.151 6.954 7.151 = 6.967 8 1994 sia) sc-02 6.967 6.997 7.039
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Fri Transducer 1 2 3 4 5	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48 May Average (sc-01 0.000 0.030 0.148 0.142 0.139	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177 P=48.00 13 sc-02 0.000 0.029 0.066 0.050 0.090	14:00:02 Average (I sc-01 6.950 6.980 7.072 7.067 7.064 7.064 7.060 7.241 7.228 7.203 7.177 7.124 P (psi) = 14:05:25 Average (I sc-01 6.962 6.991 7.109 7.104 7.100	1994 bia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127 = 6.962 5 1994 bia) sc-02 6.961 6.991 7.027 7.012	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Fri Transducer 1 2 3 4	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.308 0.280 0.251 0.191 H=49.65 May Average (sc-01 0.000 0.030 0.160 0.154	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.196 0.000 0.196 P=48.04 13 (psid) sc-02 0.000 0.029 0.071 0.055	14:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.080 7.076 7.276 7.262 7.234 7.206 7.145 P (psi) = 14:08:03 Average (psc-01 6.968 6.997 7.128 7.122	s-1994 sia) sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.171 6.954 7.151 6.954 7.151 sc-02 6.967 6.997 7.039 7.022
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Fri Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48 May Average (sc-01 0.000 0.030 0.148 0.142 0.139 0.137	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177 P=48.00 13 sc-02 0.000 0.029 0.066 0.050 0.090 0.238	14:00:02 Average (I sc-01 6.950 6.980 7.072 7.067 7.064 7.064 7.060 7.241 7.228 7.203 7.177 7.124 P (psi) = 14:05:25 Average (I sc-01 6.962 6.991 7.109 7.104 7.100 7.098	2 1994 bsia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.127 6.950 7.127 = 6.962 5 1994 bsia) sc-02 6.961 6.991 7.027 7.012 7.052 7.199	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Fri Transducer 1 2 3 4 5 6	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.322 0.308 0.280 0.251 0.191 H=49.65 May Average (sc-01 0.000 0.030 0.160 0.154 0.150 0.148	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196 0.000 0.196 P=48.04 13 (psid) sc-02 0.002 0.029 0.071 0.055 0.098 0.258	14:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.081 7.080 7.076 7.276 7.262 7.234 7.206 7.145 P (psi) = 14:08:03 Average (psc-01 6.968 6.997 7.128 7.122 7.118 7.116	sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.151 6.954 7.151 sc-02 6.967 6.997 7.039 7.022 7.066 7.225
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Fri Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48 May Average (sc-01 0.000 0.030 0.148 0.142 0.139 0.137 0.133	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177 P=48.00 13 psid) sc-02 0.000 0.029 0.066 0.050 0.090 0.238 0.239	14:00:02 Average (I sc-01 6.950 6.980 7.072 7.067 7.064 7.064 7.060 7.241 7.228 7.203 7.177 7.124 P (psi) = 14:05:25 Average (I sc-01 6.962 6.991 7.109 7.104 7.100 7.098 7.095	2 1994 bsia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127 = 6.962 5 1994 bsia) sc-02 6.961 6.991 7.027 7.012 7.052 7.199 7.200	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Fri Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.322 0.308 0.280 0.251 0.191 H=49.65 May Average (sc-01 0.000 0.030 0.160 0.154 0.150 0.148 0.144	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196 0.000 0.196 P=48.04 13 (psid) sc-02 0.000 0.029 0.071 0.055 0.098 0.258 0.259	14:02:38 Average (F sc-01 6.955 6.984 7.090 7.084 7.081 7.080 7.076 7.276 7.262 7.234 7.206 7.145 P (psi) = 3 14:08:03 Average (F sc-01 6.968 6.997 7.128 7.122 7.118 7.116 7.112	sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.151 6.954 7.151 = 6.967 8 1994 sc-02 6.967 6.997 7.039 7.022 7.066 7.225 7.226
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Fri Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48 May Average (sc-01 0.000 0.030 0.148 0.142 0.139 0.137 0.133 0.351	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177 P=48.00 13 sc-02 0.000 0.029 0.066 0.050 0.090 0.238 0.239 0.239	14:00:02 Average (I sc-01 6.950 6.980 7.072 7.067 7.064 7.060 7.241 7.228 7.203 7.177 7.124 P (psi) = 14:05:25 Average (I sc-01 6.962 6.991 7.109 7.104 7.100 7.098 7.095 7.313	sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127 = 6.962 5 1994 ssc-02 6.961 6.991 7.027 7.012 7.052 7.012 7.052 7.199 7.200 7.201	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Fri Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.308 0.280 0.251 0.191 H=49.65 May Average (sc-01 0.000 0.030 0.160 0.154 0.150 0.148 0.144 0.381	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196 0.000 0.196 P=48.04 13 (psid) sc-02 0.000 0.029 0.071 0.055 0.098 0.258 0.259 0.259	14:02:38 Average (F sc-01 6.955 6.984 7.090 7.084 7.081 7.080 7.076 7.276 7.262 7.234 7.206 7.145 P (psi) = 3 14:08:03 Average (F sc-01 6.968 6.997 7.128 7.116 7.112 7.348	sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.171 6.954 7.151 6.954 7.151 sc-02 6.967 6.997 7.039 7.022 7.066 7.225 7.226 7.226
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Fri Transducer 1 2 3 4 5 6 7 8 9 9	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48 May Average (sc-01 0.000 0.030 0.148 0.142 0.139 0.137 0.133 0.351 0.335	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177 P=48.00 13 psid) sc-02 0.000 0.029 0.066 0.050 0.090 0.238 0.239 0.239 0.214	14:00:02 Average (I sc-01 6.950 6.980 7.072 7.064 7.064 7.064 7.060 7.241 7.228 7.203 7.177 7.124 P (psi) = 14:05:25 Average (I sc-01 6.962 6.991 7.109 7.104 7.100 7.098 7.095 7.313 7.296	1994 bisia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127 = 6.962 5 1994 bisia) sc-02 6.961 6.991 7.027 7.012 7.052 7.199 7.200 7.201 7.175	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.308 0.280 0.251 0.191 H=49.65 May Average (sc-01 0.000 0.030 0.160 0.154 0.150 0.148 0.144 0.381 0.363	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196 0.000 0.196 P=48.04 13 (psid) sc-02 0.000 0.029 0.071 0.055 0.098 0.258 0.259 0.259 0.232	14:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.081 7.080 7.076 7.276 7.262 7.234 7.206 7.145 P (psi) = 14:08:03 Average (psc-01 6.968 6.997 7.128 7.122 7.118 7.116 7.112 7.348 7.330	s: 1994 sia) sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.174 7.151 6.954 7.151 = 6.967 6.967 6.997 7.039 7.022 7.066 7.225 7.226 7.226 7.226 7.199
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48 May Average (sc-01 0.000 0.030 0.148 0.142 0.139 0.137 0.133 0.351 0.335 0.304	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177 P=48.00 13 psid) sc-02 0.000 0.029 0.066 0.050 0.090 0.238 0.239 0.239 0.214 0.000	14:00:02 Average (sc-01 6.950 6.980 7.072 7.064 7.064 7.060 7.241 7.228 7.203 7.177 7.124 P (psi) = 14:05:25 Average (sc-01 6.962 6.991 7.109 7.104 7.100 7.098 7.095 7.313 7.296 7.265	2 1994 bsia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127 = 6.962 6.961 6.991 7.027 7.012 7.052 7.012 7.052 7.199 7.200 7.201 7.175 6.961	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.322 0.308 0.280 0.251 0.191 H=49.65 May Average (sc-01 0.000 0.030 0.160 0.154 0.150 0.148 0.144 0.381 0.363 0.329	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196 0.000 0.196 P=48.04 13 (psid) sc-02 0.000 0.029 0.071 0.055 0.098 0.258 0.259 0.259 0.259 0.232 0.000	14:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.081 7.080 7.076 7.276 7.262 7.234 7.206 7.145 P (psi) = 14:08:03 Average (psc-01 6.968 6.997 7.128 7.122 7.118 7.116 7.112 7.348 7.330 7.297	s: 1994 sia) sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.151 6.954 7.151 = 6.967 6.967 6.997 7.039 7.022 7.066 7.225 7.226 7.199 6.967
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=500 Fri Transducer 1 2 3 4 5 6 7 8 9 9	May Average (sc-01 0.000 0.030 0.122 0.117 0.114 0.110 0.291 0.278 0.253 0.227 0.174 H=49.48 May Average (sc-01 0.000 0.030 0.148 0.142 0.139 0.137 0.133 0.351 0.335	psid) sc-02 -0.001 0.030 0.054 0.041 0.074 0.199 0.200 0.199 0.177 0.000 0.177 P=48.00 13 psid) sc-02 0.000 0.029 0.066 0.050 0.090 0.238 0.239 0.239 0.214	14:00:02 Average (I sc-01 6.950 6.980 7.072 7.064 7.064 7.064 7.060 7.241 7.228 7.203 7.177 7.124 P (psi) = 14:05:25 Average (I sc-01 6.962 6.991 7.109 7.104 7.100 7.098 7.095 7.313 7.296	1994 bisia) sc-02 6.949 6.980 7.004 6.991 7.024 7.149 7.150 7.149 7.127 6.950 7.127 = 6.962 5 1994 bisia) sc-02 6.961 6.991 7.027 7.012 7.052 7.199 7.200 7.201 7.175	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=520 Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.000 0.030 0.135 0.130 0.127 0.125 0.122 0.308 0.280 0.251 0.191 H=49.65 May Average (sc-01 0.000 0.030 0.160 0.154 0.150 0.148 0.144 0.381 0.363	(psid) sc-02 0.000 0.030 0.060 0.046 0.083 0.219 0.220 0.220 0.196 0.000 0.196 P=48.04 13 (psid) sc-02 0.000 0.029 0.071 0.055 0.098 0.258 0.259 0.259 0.232	14:02:38 Average (psc-01 6.955 6.984 7.090 7.084 7.081 7.080 7.076 7.276 7.262 7.234 7.206 7.145 P (psi) = 14:08:03 Average (psc-01 6.968 6.997 7.128 7.122 7.118 7.116 7.112 7.348 7.330	sc-02 6.954 6.984 7.014 7.000 7.037 7.173 7.174 7.174 7.151 6.954 7.151 6.967 6.967 6.997 7.039 7.022 7.066 7.225 7.226 7.226 7.199

DSTO-TN-0150

RPM=540 Fri	H=49.81 May	1:	P (psi):	2 1994	RPM=560 Fri	May		3 14:12:1	
	Average		Average (Average		Average (•
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
I	0.000	0.000	6.971	6.970	I	0.000	0.000	6.971	6.970
2	0.030	0.029	7.000	7.000	2	0.030	0.029	7.000	7.000
3	0.175	0.078	7.145	7.048	3	0.191	0.085	7.161	7.055
4	0.168	0.060	7.138	7.030	4	0.183	0.065	7.153	7.036
5	0.164	0.107	7.134	7.077	5	0.178	0.117	7.148	7.087
6	0.162	0.281	7.132	7.251	6	0.175	0.304	7.145	7.275
7	0.158	0.282	7.128	7.252	7	0.171	0.305	7.141	7.276
8	0.416	0.281	7.386	7.251	8	0.451	0.305	7.422	7.275
9	0.395	0.253	7.365	7.224	9	0.429	0.275	7.399	7.245
10	0.358	0.000	7.328	6.970	10	0.388	0.000	7.359	6.970
11	0.338	0.253	7.292	7.223	11	0.349	0.000		
12		0.233	7.292	1.223			0.274	7.319	7.244
12	0.243		1.213		12	0.263		7.233	
DD14 500	** ***	D 40.05	5 ()	< 0.00	DD24 400	** ***			
RPM=580	H=50.10	P=48.07	P (psi) =		RPM=600	H=50.26		P (psi) =	
Fri	May		14:14:23		Fri	May		3 14:16:26	
	Average (. ,	Average (p			Average (•	Average (1	
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
1	0.000	0.000	6.972	6.971	I	0.000	0.000	6.972	6.971
2	0.030	0.029	7.001	7.001	2	0.030	0.029	7.001	7.001
3	0.205	0.092	7.177	7.063	3	0.221	0.099	7.192	7.070
4	0.198	0.071	7.169	7.043	4	0.212	0.076	7.183	7.048
5	0.192	0.126	7.164	7.098	5	0.206	0.136	7.178	7.108
6	0.189	0.328	7.161	7.299	6	0.202	0.352	7.174	7.324
7	0.185	0.329	7.157	7.300	7	0.202	0.352	7.174	7.324
8	0.185	0.329	7.457	7.300	8	0.199			
9							0.353	7.494	7.325
	0.463	0.296	7.435	7.268	9	0.498	0.319	7.470	7.291
10	0.420	0.000	7.392	6.972	10	0.451	0.000	7.423	6.972
11	0.377	0.296	7.349	7.267	11	0.404	0.318	7.375	7.290
12	0.284		7.256		12	0.305		7.276	
DD14 (20)	TT #0.41	70.40.00	T		DD24 440				
RPM=620	H=50.41		P (psi) =		RPM=640	H=50.59	P=48.06	P (psi) =	6.970
RPM=620 Fri	May	13	14:18:09	1994	RPM=640 Fri	May	13	14:20:26	1994
Fri	May Average (1	13 psid)	14:18:09 Average (p	1994 sia)	Fri	May Average (p	13 osid)	3 14:20:26 Average (p	1994 sia)
Fri Transducer	May Average (p sc-01	13 psid) sc-02	14:18:09 Average (p sc-01	1994 sia) sc-02	Fri Transducer	May Average (p sc-01	13 osid) sc-02	3 14:20:26 Average (p sc-01	1994 sia) sc-02
Fri Transducer	May Average (p sc-01 0.000	13 psid) sc-02 0.000	14:18:09 Average (p sc-01 6.971	1994 sia) sc-02 6.970	Fri Transducer	May Average (p sc-01 0.000	13 osid) sc-02 0.000	3 14:20:26 Average (p sc-01 6.971	1994 sia) sc-02 6.970
Fri Transducer 1 2	May Average (1 sc-01 0.000 0.030	13 psid) sc-02 0.000 0.030	14:18:09 Average (p sc-01 6.971 7.000	1994 sia) sc-02 6.970 7.000	Fri Transducer 1 2	May Average (p sc-01 0.000 0.030	13 osid) sc-02 0.000 0.029	Average (p sc-01 6.971 7.000	1994 sia) sc-02 6.970 7.000
Fri Transducer 1 2 3	May Average (1 sc-01 0.000 0.030 0.236	13 psid) sc-02 0.000 0.030 0.105	14:18:09 Average (p sc-01 6.971 7.000 7.206	1994 sia) sc-02 6.970 7.000 7.076	Fri Transducer 1 2 3	May Average (p sc-01 0.000 0.030 0.252	0.000 0.029 0.113	3 14:20:26 Average (p sc-01 6.971 7.000 7.223	1994 sia) sc-02 6.970 7.000 7.083
Fri Transducer 1 2 3 4	May Average (1 sc-01 0.000 0.030 0.236 0.228	psid) sc-02 0.000 0.030 0.105 0.082	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198	1994 sia) sc-02 6.970 7.000 7.076 7.052	Fri Transducer 1 2 3 4	May Average (psc-01 0.000 0.030 0.252 0.244	50sid) sc-02 0.000 0.029 0.113 0.088	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214	1994 sia) sc-02 6.970 7.000 7.083 7.058
Fri Transducer 1 2 3 4 5	May Average (1 sc-01 0.000 0.030 0.236 0.228 0.222	13 psid) sc-02 0.000 0.030 0.105 0.082 0.146	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116	Fri Transducer 1 2 3 4 5	May Average (psc-01 0.000 0.030 0.252 0.244 0.237	50sid) sc-02 0.000 0.029 0.113 0.088 0.157	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214 7.207	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127
Fri Transducer 1 2 3 4 5 6	May Average (1 sc-01 0.000 0.030 0.236 0.228 0.222 0.217	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348	Fri Transducer 1 2 3 4 5 6	May Average (psc-01 0.000 0.030 0.252 0.244 0.237, 0.233	50sid) sc-02 0.000 0.029 0.113 0.088	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375
Fri Transducer 1 2 3 4 5 6 7	May Average (1 sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116	Fri Transducer 1 2 3 4 5 6 7	May Average (psc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229	50sid) sc-02 0.000 0.029 0.113 0.088 0.157	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127
Fri Transducer 1 2 3 4 5 6 7 8	May Average (1 sc-01 0.000 0.030 0.236 0.228 0.222 0.217	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348	Fri Transducer 1 2 3 4 5 6 7	May Average (psc-01 0.000 0.030 0.252 0.244 0.237, 0.233	13 osid) sc-02 0.000 0.029 0.113 0.088 0.157 0.404	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214 7.207 7.203	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375
Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (1 sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349	Fri Transducer 1 2 3 4 5 6 7	May Average (1 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572	sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375
Fri Transducer 1 2 3 4 5 6 7 8	May Average (1 sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213 0.562	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.349	Fri Transducer 1 2 3 4 5 6 7	May Average (1 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572	sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375
Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (1 sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213 0.562 0.535	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.349 7.313	Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (1 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602	osid) sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375 7.375 7.377
Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (1 sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213 0.562 0.535 0.486 0.433	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.379	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.349 7.313 6.970	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (18 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463	sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (1 sc-01	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.379	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.349 7.313 6.970	Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (1 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518	sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375 7.375
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (1 sc-01	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.349 7.313 6.970 7.312	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (18 sc-01 0.000 0.030 0.252 0.244 0.237 0.229 0.602 0.572 0.518 0.463 0.348	sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000 0.366	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318	1994 sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375 7.337 6.970 7.337
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660	May Average (1 sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213 0.562 0.535 0.486 0.433 0.326 H=50.76	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) =	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.349 7.313 6.970 7.312	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680	May Average (18 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95	sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000 0.366	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) =	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375 7.337 6.970 7.337
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (1 sc-01	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08 13	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) = 14:22:36	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.349 7.313 6.970 7.312	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (18 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95 May	sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000 0.366	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) = 14:24:44	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375 7.337 6.970 7.337
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Fri	May Average (1 sc-01	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08 13 sid)	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) = 14:22:36 Average (ps	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.349 7.313 6.970 7.312	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Fri	May Average (18 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95 May Average (p	sid) sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000 0.366 P=48.08 13	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) = 14:24:44 Average (psi	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375 7.337 6.970 7.337
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Fri Transducer	May Average (1 sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213 0.562 0.535 0.486 0.433 0.326 H=50.76 May Average (psc-01	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08 13 scid) sc-02	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) = 14:22:36 Average (pssc-01	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.313 6.970 7.312 6.973 1994 sia) sc-02	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Fri Transducer	May Average (18 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95 May Average (psc-01	sid) sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000 0.366 P=48.08 13 sid) sc-02	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) = 14:24:44 Average (pssc-01	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375 7.337 6.970 7.337
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Fri Transducer 1	May Average (1 sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213 0.562 0.535 0.486 0.433 0.326 H=50.76 May Average (psc-01 0.000	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08 13 sid) sc-02 0.000	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) = 14:22:36 Average (ps sc-01 6.974	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.313 6.970 7.312 6.973 1994 sia) sc-02 6.973	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Fri Transducer 1	May Average (18 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95 May Average (psc-01 0.000	sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000 0.366 P=48.08 13 sc-02 0.000	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) = 14:24:44 Average (pssc-01 6.974	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.337 6.970 7.337
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Fri Transducer 1 2	May Average (1 sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213 0.562 0.535 0.486 0.433 0.326 H=\$0.76 May Average (psc-01 0.000 0.030	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08 13 sid) sc-02 0.000 0.029	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) = 14:22:36 Average (ps sc-01 6.974 7.003	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.313 6.970 7.312 6.973 1994 sia) sc-02 6.973 7.003	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Fri Transducer 1 2	May Average (18 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95 May Average (psc-01 0.000 0.030	sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000 0.366 P=48.08 13 sc-02 0.000 0.029	3 14:20:26 Average (p sc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) = 14:24:44 Average (ps. 18) 8 c-01 6.974 7.003	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.337 6.970 7.337
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Fri Transducer 1 2 3	May Average (1) sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213 0.562 0.535 0.486 0.433 0.326 H=\$0.76 May Average (psc-01 0.000 0.030 0.270	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08 13 sid) sc-02 0.000 0.029 0.120	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) = 14:22:36 Average (pssc-01 6.974 7.003 7.243	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.313 6.970 7.312 6.973 1994 sia) sc-02 6.973 7.003 7.093	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Fri Transducer 1 2 3	May Average (psc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95 May Average (psc-01 0.000 0.030 0.286	sid) sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.367 0.000 0.366 P=48.08 13 sid) sc-02 0.000 0.029 0.128	3 14:20:26 Average (psc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) = 14:24:44 Average (pssc-01 6.974 7.003 7.259	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.337 6.970 7.337
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Fri Transducer 1 2 3 4	May Average (1) sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213 0.562 0.535 0.486 0.433 0.326 H=\$0.76 May Average (psc-01 0.000 0.030 0.270 0.260	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08 13 sc-02 0.000 0.029 0.120 0.093	14:18:09 Average (psc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) = 14:22:36 Average (pssc-01 6.974 7.003 7.243 7.233	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.313 6.970 7.312 6.973 1994 sia) sc-02 6.973 7.003 7.093 7.066	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Fri Transducer 1 2 3 4	May Average (psc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95 May Average (psc-01 0.000 0.030 0.286 0.276	sid) sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000 0.366 P=48.08 13 sid) sc-02 0.000 0.029 0.128 0.099	3 14:20:26 Average (psc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) = 14:24:44 Average (pssc-01 6.974 7.003 7.259 7.249	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.337 6.970 7.337 6.973 1994 sia) sc-02 6.973 7.003 7.101 7.072
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Fri Transducer 1 2 3 4 5	May Average (1) sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213 0.562 0.535 0.486 0.433 0.326 H=\$0.76 May Average (psc-01 0.000 0.030 0.270 0.260 0.253	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08 13 sc-02 0.000 0.029 0.120 0.093 0.167	14:18:09 Average (psc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) = 14:22:36 Average (pssc-01 6.974 7.003 7.243 7.233 7.226	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.313 6.970 7.312 6.973 1994 sia) sc-02 6.973 7.003 7.003 7.093 7.066 7.140	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Fri Transducer 1 2 3 4 5	May Average (18 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95 May Average (psc-01 0.000 0.030 0.286 0.276 0.269	sid) sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.367 0.000 0.366 P=48.08 13 sid) sc-02 0.000 0.029 0.128 0.099 0.177	3 14:20:26 Average (psc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) = 14:24:44 Average (pssc-01 6.974 7.003 7.259 7.249 7.242	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.337 6.970 7.337 6.973 1994 sia) sc-02 6.973 7.003 7.101 7.072 7.150
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Fri Transducer 1 2 3 4 5 6	May Average (1) sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213 0.562 0.535 0.486 0.433 0.326 H=S0.76 May Average (pse-01 0.000 0.030 0.270 0.260 0.253 0.249	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08 13 sc-02 0.000 0.029 0.120 0.093 0.167 0.430	14:18:09 Average (psc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) = 14:22:36 Average (pssc-01 6.974 7.003 7.243 7.233 7.226 7.222	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.313 6.970 7.312 6.973 1994 sia) sc-02 6.973 7.003 7.003 7.003 7.066 7.140 7.404	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Fri Transducer 1 2 3 4 5 6	May Average (18 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95 May Average (p sc-01 0.000 0.030 0.286 0.276 0.269 0.264	sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000 0.366 P=48.08 13 sid) sc-02 0.000 0.029 0.128 0.099 0.177 0.458	3 14:20:26 Average (psc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) = 14:24:44 Average (pssc-01 6.974 7.003 7.259 7.249 7.242 7.238	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375 7.337 6.970 7.337 6.973 1994 sia) sc-02 6.973 7.003 7.101 7.072 7.150 7.431
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Fri Transducer 1 2 3 4 5 6 7	May Average (1 sc-01	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08 13 sc-02 0.000 0.029 0.120 0.093 0.167 0.430 0.431	14:18:09 Average (psc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) = 14:22:36 Average (pssc-01 6.974 7.003 7.243 7.233 7.226 7.222 7.217	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.313 6.970 7.312 6.973 1994 sia) sc-02 6.973 7.003 7.003 7.003 7.093 7.066 7.140 7.404 7.405	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Fri Transducer 1 2 3 4 5 6 7	May Average (18 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95 May Average (psc-01 0.000 0.030 0.286 0.276 0.269 0.264 0.259	sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000 0.366 P=48.08 13 sid) sc-02 0.000 0.029 0.128 0.099 0.177 0.458 0.460	3 14:20:26 Average (psc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) = 14:24:44 Average (pssc-01 6.974 7.003 7.259 7.249 7.242 7.238 7.232	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.337 6.970 7.337 6.973 1994 sia) sc-02 6.973 7.003 7.101 7.072 7.150
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Fri Transducer 1 2 3 4 5 6 7 8	May Average (1 sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213 0.562 0.535 0.486 0.433 0.326 H=50.76 May Average (psc-01 0.000 0.030 0.270 0.260 0.253 0.249 0.244 0.643	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08 13 sc-02 0.000 0.029 0.120 0.093 0.167 0.430	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) = 14:22:36 Average (ps sc-01 6.974 7.003 7.243 7.233 7.226 7.222 7.217 7.616	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.313 6.970 7.312 6.973 1994 sia) sc-02 6.973 7.003 7.003 7.003 7.066 7.140 7.404	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Fri Transducer 1 2 3 4 5 6 7 8	May Average (18 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95 May Average (p sc-01 0.000 0.030 0.286 0.276 0.269 0.264	sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000 0.366 P=48.08 13 sid) sc-02 0.000 0.029 0.128 0.099 0.177 0.458	3 14:20:26 Average (psc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) = 14:24:44 Average (pssc-01 6.974 7.003 7.259 7.249 7.242 7.238	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375 7.337 6.970 7.337 6.973 1994 sia) sc-02 6.973 7.003 7.101 7.072 7.150 7.431
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Fri Transducer 1 2 3 4 5 6 7	May Average (1 sc-01	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08 13 sc-02 0.000 0.029 0.120 0.093 0.167 0.430 0.431	14:18:09 Average (psc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) = 14:22:36 Average (pssc-01 6.974 7.003 7.243 7.233 7.226 7.222 7.217	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.313 6.970 7.312 6.973 1994 sia) sc-02 6.973 7.003 7.003 7.003 7.093 7.066 7.140 7.404 7.405	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Fri Transducer 1 2 3 4 5 6 7	May Average (18 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95 May Average (psc-01 0.000 0.030 0.286 0.276 0.269 0.264 0.259	sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000 0.366 P=48.08 13 sid) sc-02 0.000 0.029 0.128 0.099 0.177 0.458 0.460	3 14:20:26 Average (psc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) = 14:24:44 Average (pssc-01 6.974 7.003 7.259 7.249 7.242 7.238 7.232	1994 (sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375 7.337 6.970 7.337 6.973 1994 (sia) sc-02 6.973 7.003 7.101 7.072 7.150 7.431 7.433
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Fri Transducer 1 2 3 4 5 6 7 8	May Average (1 sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213 0.562 0.535 0.486 0.433 0.326 H=50.76 May Average (psc-01 0.000 0.030 0.270 0.260 0.253 0.249 0.244 0.643	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08 13 sc-02 0.000 0.029 0.120 0.093 0.167 0.430 0.431 0.432	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) = 14:22:36 Average (ps sc-01 6.974 7.003 7.243 7.233 7.226 7.222 7.217 7.616	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.313 6.970 7.312 6.973 1994 sia) sc-02 6.973 7.003 7.003 7.003 7.003 7.004 7.404 7.405 7.405	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Fri Transducer 1 2 3 4 5 6 7 8	May Average (18 sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95 May Average (psc-01 0.000 0.030 0.286 0.276 0.269 0.264 0.259 0.684	sid) sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000 0.366 P=48.08 13 sid) sc-02 0.000 0.029 0.128 0.099 0.177 0.458 0.460 0.459	3 14:20:26 Average (psc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) = 14:24:44 Average (pssc-01 6.974 7.003 7.259 7.249 7.242 7.238 7.232 7.657	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375 7.337 6.970 7.337 6.973 1994 sia) sc-02 6.973 7.003 7.101 7.072 7.150 7.431 7.433 7.433
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (1sc-01 0.000 0.030 0.236 0.228 0.222 0.217 0.213 0.562 0.535 0.486 0.433 0.326 H=50.76 May Average (psc-01 0.000 0.030 0.270 0.260 0.253 0.249 0.244 0.643 0.611	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08 13 sid) sc-02 0.000 0.029 0.120 0.093 0.167 0.430 0.431 0.432 0.391	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) = 14:22:36 Average (ps sc-01 6.974 7.003 7.243 7.233 7.226 7.222 7.217 7.616 7.584	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.313 6.970 7.312 6.973 1994 sia) sc-02 6.973 7.003 7.003 7.093 7.093 7.093 7.094 7.405 7.405 7.365	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (1) sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95 May Average (psc-01 0.000 0.030 0.286 0.276 0.269 0.264 0.259 0.684 0.649	sid) sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000 0.366 P=48.08 13 sid) sc-02 0.000 0.029 0.128 0.099 0.177 0.458 0.460 0.459 0.417	3 14:20:26 Average (psc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) = 14:24:44 Average (pssc-01 6.974 7.003 7.259 7.249 7.242 7.238 7.232 7.657 7.623	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375 7.337 6.970 7.337 6.973 1994 sia) sc-02 6.973 7.003 7.101 7.072 7.150 7.431 7.433 7.433 7.433 7.390
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=660 Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (1 sc-01	psid) sc-02 0.000 0.030 0.105 0.082 0.146 0.378 0.379 0.378 0.342 0.000 0.342 P=48.08 13 sid) sc-02 0.000 0.029 0.120 0.093 0.167 0.430 0.431 0.432 0.391 0.000	14:18:09 Average (p sc-01 6.971 7.000 7.206 7.198 7.192 7.188 7.184 7.532 7.505 7.456 7.404 7.297 P (psi) = 14:22:36 Average (ps sc-01 6.974 7.003 7.243 7.233 7.226 7.222 7.217 7.616 7.584 7.526	1994 sia) sc-02 6.970 7.000 7.076 7.052 7.116 7.348 7.349 7.313 6.970 7.312 6.973 1994 sia) sc-02 6.973 7.003 7.003 7.003 7.003 7.093 7.066 7.140 7.404 7.405 7.365 6.973	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=680 Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (1) sc-01 0.000 0.030 0.252 0.244 0.237 0.233 0.229 0.602 0.572 0.518 0.463 0.348 H=50.95 May Average (psc-01 0.000 0.030 0.286 0.276 0.269 0.264 0.259 0.684 0.649 0.589	sid) sc-02 0.000 0.029 0.113 0.088 0.157 0.404 0.405 0.405 0.367 0.000 0.366 P=48.08 13 sid) sc-02 0.000 0.029 0.128 0.099 0.177 0.458 0.460 0.459 0.417 0.000	3 14:20:26 Average (psc-01 6.971 7.000 7.223 7.214 7.207 7.203 7.199 7.573 7.542 7.489 7.433 7.318 P (psi) = 14:24:44 Average (pssc-01 6.974 7.003 7.259 7.249 7.242 7.238 7.232 7.657 7.623 7.562	1994 sia) sc-02 6.970 7.000 7.083 7.058 7.127 7.375 7.375 7.375 7.375 7.337 6.970 7.337 6.973 1994 sia) sc-02 6.973 7.003 7.101 7.072 7.150 7.431 7.433 7.433 7.433 7.390 6.973

RPM=700	H=51.13	P=48.10	P (psi) =		RPM=720	H=51.33		P (psi) =	
Fri	May		3 14:27:02		Fri	May		14:29:10	
	Average (Average (p		Tuonaduaan	Average (psia) sc-02	Average (p sc-01	sc-02
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer 1	sc-01 0.000	0.000	6.979	6.979
1	0.001	0.000	6.977 7.005	6.976 7.006	2	0.030	0.000	7.009	7.008
2	0.029	0.029		7.112	3	0.030	0.029	7.302	7.123
3	0.305	0.136	7.281	7.112	4	0.323	0.112	7.289	7.091
4	0.293	0.105	7.269		5	0.311	0.200	7.282	7.179
5	0.286	0.189	7.262	7.165	6	0.303	0.516	7.277	7.495
6	0.281	0.487	7.257	7.463	7	0.298	0.517	7.271	7.496
7	0.276	0.488	7.252	7.464	8	0.292	0.517	7.752	7.495
8	0.728	0.487	7.704	7.463	9	0.773	0.310	7.712	7.450
9	0.692	0.444	7.668	7.420	10	0.733	0.000	7.644	6.979
10	0.628	0.000	7.604	6.976		0.592	0.470	7.571	7.449
11	0.559	0.443	7.535	7.419	11 12		0.470	7.420	7.447
12	0.416		7.392		12	0.441		7.420	
		D 40 10	D ()	(07(RPM=760	H=51.72	P=48.08	P (psi) =	6 973
RPM=740	H=51.53	P=48.10	P (psi) =		Fri	May		14:32:56	
Fri	May		14:31:12		FII	Average (Average (p	
	Average (Average (p	sia) sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
Transducer	sc-01	sc-02	sc-01	6.976	l ransuucei l	0.001	0.000	6.974	6.973
I	0.001	0.000	6.977	7.005	2	0.030	0.000	7.003	7.003
2	0.030	0.029	7.006	7.130	3	0.365	0.163	7.338	7.136
3	0.343	0.153	7.319	7.130	4	0.350	0.103	7.323	7.100
4	0.329	0.119	7.305 7.296	7.188	5	0.340	0.127	7.313	7.198
5	0.320	0.212		7.520	6	0.340	0.579	7.307	7.552
6	0.315	0.544 0.546	7.291 7.285	7.520	7	0.334	0.581	7.301	7.554
7	0.309	0.545	7.792	7.521	8	0.869	0.580	7.842	7.553
8 9	0.816	0.343	7.751	7.473	9	0.826	0.530	7.799	7.503
10	0.775 0.703	0.497	7.679	6.976	10	0.747	0.000	7.720	6.973
11	0.703	0.496	7.601	7.472	11	0.664	0.529	7.637	7.502
12	0.466	0.490	7.443	7.472	12	0.494	0.525	7.467	
12	0.400		7.443			• • • • • • • • • • • • • • • • • • • •			
RPM=780	H=51.95	P=48.12	P (psi) =	6.979	RPM=800	H=52.16	P=48.10	P (psi) =	
RPM=780 Fri	H=51.95 Mav	P=48.12	P (psi) =		RPM=800 Fri	H=52.16 May	P=48.10	P (psi) = 3 14:37:25	
RPM=780 Fri	May	13		1994			13		1994
		13	3 14:35:35	1994		May Average (sc-01	13	14:37:25	1994 sia) sc-02
Fri	May Average (13 (psid)	3 14:35:35 Average (p	1994 sia)	Fri Transducer	May Average (psid) sc-02 0.000	3 14:37:25 Average (p sc-01 6.977	1994 sia) sc-02 6.976
Fri Transducer	May Average (sc-01	13 (psid) sc-02	3 14:35:35 Average (p sc-01	1994 sia) sc-02	Fri Transducer 1 2	May Average (sc-01 0.001 0.030	psid) sc-02 0.000 0.030	3 14:37:25 Average (p sc-01 6.977 7.006	1994 sia) sc-02 6.976 7.006
Fri Transducer	May Average (sc-01 0.001	13 (psid) sc-02 0.000	3 14:35:35 Average (p sc-01 6.980	1994 sia) sc-02 6.979 7.008 7.152	Fri Transducer 1 2 3	May Average (sc-01 0.001 0.030 0.404	psid) sc-02 0.000 0.030 0.183	3 14:37:25 Average (p sc-01 6.977 7.006 7.380	sia) sc-02 6.976 7.006 7.159
Fri Transducer 1 2	May Average (sc-01 0.001 0.030	(psid) sc-02 0.000 0.029 0.173 0.134	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348	1994 sia) sc-02 6.979 7.008 7.152 7.113	Fri Transducer 1 2 3 4	May Average (sc-01 0.001 0.030 0.404 0.388	psid) sc-02 0.000 0.030 0.183 0.142	3 14:37:25 Average (p sc-01 6.977 7.006 7.380 7.364	1994 (sia) sc-02 6.976 7.006 7.159 7.118
Fri Transducer 1 2 3	May Average (sc-01 0.001 0.030 0.383	(psid) sc-02 0.000 0.029 0.173 0.134 0.239	3 14:35:35 Average (p sc-01 6.980 7.009 7.362	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218	Fri Transducer 1 2 3 4 5	May Average (sc-01 0.001 0.030 0.404 0.388 0.378	psid) sc-02 0.000 0.030 0.183 0.142 0.252	3 14:37:25 Average (p sc-01 6.977 7.006 7.380 7.364 7.354	1994 sc-02 6.976 7.006 7.159 7.118 7.228
Fri Transducer 1 2 3 4	May Average (sc-01 0.001 0.330 0.383 0.369 0.359 0.352	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589	Fri Transducer 1 2 3 4 5 6	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644	3 14:37:25 Average (p sc-01 6.977 7.006 7.380 7.364 7.354 7.347	1994 sc-02 6.976 7.006 7.159 7.118 7.228 7.620
Fri Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591	Fri Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645	3 14:37:25 Average (p sc-01 6.977 7.006 7.380 7.364 7.354 7.347 7.341	1994 sisia) sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621
Fri Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345 0.912	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324 7.891	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590	Fri Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.001 0.030 0.404 0.388 0.371 0.365 0.961	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.645	3 14:37:25 Average (p sc-01 6.977 7.006 7.380 7.364 7.354 7.347 7.341 7.937	1994 sia) sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620
Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345 0.912 0.867	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324 7.891 7.845	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537	Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589	3 14:37:25 Average (p sc-01 6.977 7.006 7.380 7.364 7.354 7.347 7.341 7.937 7.890	1994 sia) sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565
Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345 0.912 0.867 0.785	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324 7.891 7.845 7.764	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979	Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589 0.000	3 14:37:25 Average (p sc-01 6.977 7.006 7.380 7.364 7.354 7.347 7.341 7.937 7.890 7.804	1994 sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565 6.976
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345 0.912 0.867 0.785 0.698	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324 7.891 7.845 7.764 7.677	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589	3 14:37:25 Average (p sc-01 6.977 7.006 7.380 7.364 7.354 7.341 7.937 7.890 7.804 7.711	1994 sia) sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565
Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345 0.912 0.867 0.785	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324 7.891 7.845 7.764	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979	Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589 0.000	3 14:37:25 Average (p sc-01 6.977 7.006 7.380 7.364 7.354 7.347 7.341 7.937 7.890 7.804	1994 sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565 6.976
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345 0.912 0.867 0.785 0.698 0.519	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324 7.891 7.845 7.764 7.677 7.498	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.645 0.000 0.589	3 14:37:25 Average (p sc-01 6.977 7.006 7.380 7.364 7.347 7.347 7.347 7.890 7.804 7.711 7.523	1994 sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565 6.976 7.565
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345 0.912 0.867 0.785 0.698 0.519 H=52.36	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324 7.891 7.845 7.764 7.677 7.498 P (psi) =	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547 H=52.59	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.645 0.000 0.589	3 14:37:25 Average (p sc-01 6.977 7.006 7.380 7.364 7.354 7.347 7.347 7.890 7.804 7.711 7.523 P (psi) =	1994 1981 1982 1982 1983 1984 1985 1985 1985 1984 1985
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345 0.912 0.867 0.785 0.698 0.519 H=52.36 May	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324 7.891 7.845 7.764 7.677 7.498 P (psi) = 3 14:39:37	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547 H=52.59 May	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.645 0.000 0.589	3 14:37:25 Average (psc-01 6.977 7.006 7.380 7.364 7.354 7.347 7.341 7.937 7.890 7.804 7.711 7.523 P (psi) = 3 14:41:46	1994 1984 1986 1986 1986 1986 1984 1984 1984 1984 1984 1984 1984 1984 1984
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Fri	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345 0.912 0.867 0.785 0.698 0.519 H=52.36 May Average ((psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557 P=48.08	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324 7.891 7.845 7.764 7.677 7.498 P (psi) = 3 14:39:37 Average (p	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Fri	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547 H=52.59 May Average (psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589 0.000 0.589 P=48.10 13	3 14:37:25 Average (psc-01 6.977 7.006 7.380 7.364 7.347 7.347 7.347 7.890 7.804 7.711 7.523 P (psi) = 3 14:41:46 Average (psc-01)	1994 1984 1985 1985 1985 1985 1984 1984 1984 1984 1985 1984 1984 1985 1984 1985 1984 1985 1984 1985
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Fri Transducer	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345 0.912 0.867 0.785 0.698 0.519 H=52.36 May Average (sc-01	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557 P=48.08 (psid) sc-02	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.331 7.324 7.891 7.845 7.764 7.677 7.498 P (psi) = 3 14:39:37 Average (p sc-01	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Fri Transducer	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547 H=52.59 May Average (sc-01	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589 0.000 0.589 P=48.10 13	3 14:37:25 Average (psc-01 6.977 7.006 7.380 7.364 7.354 7.341 7.937 7.890 7.804 7.711 7.523 P (psi) = 3 14:41:46 Average (psc-01	1994 1994 1994 1995 1995 1995 1994 1994 1994 1994 1999 1994 1994 1994 1994 1994 1994 1994 1994
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Fri Transducer 1	May Average (sc-01 0.001 0.030 0.383 0.369 0.352 0.345 0.912 0.867 0.785 0.698 0.519 H=52.36 May Average (sc-01 0.001	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557 P=48.08 (psid) sc-02 0.000	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.331 7.324 7.891 7.845 7.764 7.677 7.498 P (psi) = 3 14:39:37 Average (p sc-01 6.974	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536 6.973 1994 sia) sc-02 6.973	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Fri Transducer 1	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547 H=52.59 May Average (sc-01 0.001	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589 0.000 0.589 P=48.10 13 (psid) sc-02 0.000	3 14:37:25 Average (psc-01 6.977 7.006 7.380 7.364 7.354 7.341 7.937 7.890 7.804 7.711 7.523 P (psi) = 3 14:41:46 Average (psc-01 6.977	1994 sia) sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565 6.976 7.565
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Fri Transducer 1 2	May Average (sc-01 0.001 0.030 0.383 0.369 0.352 0.345 0.912 0.867 0.785 0.698 0.519 H=52.36 May Average (sc-01 0.001 0.030	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557 P=48.08 13 (psid) sc-02 0.000 0.029	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.331 7.324 7.891 7.845 7.764 7.677 7.498 P (psi) = 3 14:39:37 Average (p sc-01 6.974 7.003	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536 6.973 1994 sia) sc-02 6.973 7.002	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Fri Transducer 1 2	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547 H=52.59 May Average (sc-01 0.001 0.030	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589 0.000 0.589 P=48.10 13 psid) sc-02 0.000 0.030	3 14:37:25 Average (psc-01 6.977 7.006 7.380 7.364 7.354 7.341 7.937 7.890 7.804 7.711 7.523 P (psi) = 3 14:41:46 Average (psc-01 6.977 7.006	1994 sia) sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565 6.976 7.565 4.6976 5.1994 sia) sc-02 6.976 7.006
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Fri Transducer 1 2 3	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345 0.912 0.867 0.785 0.698 0.519 H=52.36 May Average (sc-01 0.001 0.030 0.425	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557 P=48.08 (psid) sc-02 0.000 0.029 0.193	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324 7.891 7.845 7.764 7.677 7.498 P (psi) = 3 14:39:37 Average (p sc-01 6.974 7.003 7.398	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536 6.973 1994 sia) sc-02 6.973 7.002 7.166	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Fri Transducer 1 2 3	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547 H=52.59 May Average (sc-01 0.001 0.030 0.447	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589 0.000 0.589 P=48.10 psid) sc-02 0.000 0.030 0.204	3 14:37:25 Average (psc-01 6.977 7.006 7.380 7.364 7.354 7.341 7.937 7.890 7.804 7.711 7.523 P (psi) = 3 14:41:46 Average (psc-01 6.977 7.006 7.423	1994 sia) sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565 6.976 7.565 5.6.976 7.565 sc-02 6.976 7.006 7.180
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Fri Transducer 1 2 3 4	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345 0.912 0.867 0.785 0.698 0.519 H=52.36 May Average (sc-01 0.001 0.030 0.425 0.408	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557 P=48.08 13 (psid) sc-02 0.000 0.029 0.193 0.150	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.324 7.891 7.845 7.764 7.677 7.498 P (psi) = 3 14:39:37 Average (p sc-01 6.974 7.003 7.398 7.381	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536 6.973 1994 sia) sc-02 6.973 7.002 7.166 7.123	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Fri Transducer 1 2 3 4	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547 H=52.59 May Average (sc-01 0.001 0.030 0.447 0.431	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589 0.000 0.589 P=48.10 psid) sc-02 0.000 0.030 0.030 0.204 0.158	3 14:37:25 Average (psc-01 6.977 7.006 7.380 7.364 7.354 7.341 7.937 7.890 7.804 7.711 7.523 P (psi) = 3 14:41:46 Average (psc-01 6.977 7.006 7.423 7.407	1994 sia) sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565 6.976 7.565 5.6.976 7.565 5.6.976 7.565 7.180 7.134
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Fri Transducer 1 2 3 4 5	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345 0.912 0.867 0.785 0.698 0.519 H=52.36 May Average (sc-01 0.030 0.425 0.408 0.397	psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557 P=48.08 13 (psid) sc-02 0.000 0.029 0.193 0.150 0.265	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324 7.891 7.845 7.764 7.677 7.498 P (psi) = 3 14:39:37 Average (p sc-01 6.974 7.003 7.398 7.381 7.370	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536 6.973 1994 sia) sc-02 6.973 7.002 7.166 7.123 7.239	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Fri Transducer 1 2 3 4 5	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547 H=52.59 May Average (sc-01 0.030 0.447 0.431 0.420	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589 0.000 0.589 P=48.10 psid) sc-02 0.000 0.030 0.204 0.158 0.280	3 14:37:25 Average (psc-01 6.977 7.006 7.380 7.364 7.354 7.341 7.937 7.890 7.804 7.711 7.523 P (psi) = 3 14:41:46 Average (psc-01 6.977 7.006 7.423 7.407 7.397	1994 sia) sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565 6.976 7.565 6.976 7.565 sc-02 6.976 7.006 7.180 7.134 7.256
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Fri Transducer 1 2 3 4 5 6	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345 0.912 0.867 0.785 0.698 0.519 H=52.36 May Average (sc-01 0.001 0.030 0.425 0.408 0.397 0.388	psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557 P=48.08 (psid) sc-02 0.000 0.029 0.193 0.150 0.265 0.674	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324 7.891 7.845 7.764 7.677 7.498 P (psi) = 3 14:39:37 Average (p sc-01 6.974 7.003 7.398 7.381 7.370 7.361	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536 6.973 1994 sia) sc-02 6.973 7.002 7.166 7.123 7.239 7.647	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Fri Transducer 1 2 3 4 5 6	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547 H=52.59 May Average (sc-01 0.001 0.030 0.447 0.431 0.420 0.412	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589 0.000 0.589 P=48.10 psid) sc-02 0.000 0.030 0.204 0.158 0.280 0.711	3 14:37:25 Average (psc-01 6.977 7.006 7.380 7.364 7.354 7.341 7.937 7.890 7.804 7.711 7.523 P (psi) = 3 14:41:46 Average (psc-01 6.977 7.006 7.423 7.407 7.397 7.388	1994 sia) sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565 6.976 7.565 4.6.976 7.565 5.6.976 7.565 7.565 7.565 7.565 7.565 7.565
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Fri Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.001 0.030 0.383 0.369 0.359 0.352 0.345 0.912 0.867 0.785 0.698 0.519 H=52.36 May Average (sc-01 0.001 0.030 0.425 0.408 0.397 0.388 0.382	psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557 P=48.08 13 (psid) sc-02 0.000 0.029 0.193 0.150 0.265 0.674 0.676	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324 7.891 7.845 7.764 7.677 7.498 P (psi) = 3 14:39:37 Average (p sc-01 6.974 7.003 7.398 7.381 7.370 7.361 7.355	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536 6.973 1994 sia) sc-02 6.973 7.002 7.166 7.123 7.239 7.647 7.650	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Fri Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547 H=52.59 May Average (sc-01 0.001 0.030 0.447 0.431 0.420 0.412 0.404	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589 0.000 0.589 P=48.10 15 psid) sc-02 0.000 0.030 0.204 0.158 0.280 0.711 0.712	3 14:37:25 Average (psc-01 6.977 7.006 7.380 7.364 7.354 7.341 7.937 7.890 7.804 7.711 7.523 P (psi) = 3 14:41:46 Average (psc-01 6.977 7.006 7.423 7.407 7.397 7.388 7.380	1994 (sia) sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565 6.976 7.565 (s. 1994 (sia) sc-02 6.976 7.006 7.180 7.134 7.256 7.687 7.689
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Fri Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.001 0.030 0.383 0.369 0.352 0.345 0.912 0.867 0.785 0.698 0.519 H=52.36 May Average (sc-01 0.030 0.425 0.408 0.397 0.388 0.382 1.011	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557 P=48.08 (psid) sc-02 0.000 0.029 0.193 0.150 0.265 0.674 0.676	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.331 7.324 7.891 7.845 7.764 7.677 7.498 P (psi) = 3 14:39:37 Average (p sc-01 6.974 7.003 7.398 7.381 7.370 7.361 7.355 7.984	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536 6.973 1994 sia) sc-02 6.973 7.002 7.166 7.123 7.239 7.647 7.650 7.649	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Fri Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547 H=52.59 May Average (sc-01 0.030 0.447 0.431 0.420 0.412 0.404 1.063	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.645 0.644 0.589 0.000 0.589 P=48.10 13 psid) sc-02 0.000 0.030 0.204 0.158 0.280 0.711 0.712 0.711	3 14:37:25 Average (psc-01 6.977 7.006 7.380 7.364 7.354 7.341 7.937 7.890 7.804 7.711 7.523 P (psi) = 3 14:41:46 Average (psc-01 6.977 7.006 7.423 7.407 7.397 7.388 7.380 8.039	1994 sia) sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565 6.976 7.565 6.976 7.565 7.1994 sia) sc-02 6.976 7.006 7.180 7.134 7.256 7.687 7.689 7.687
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.001 0.030 0.383 0.369 0.352 0.345 0.912 0.867 0.785 0.698 0.519 H=52.36 May Average (sc-01 0.030 0.425 0.408 0.397 0.388 0.382 1.011 0.960	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557 P=48.08 (psid) sc-02 0.000 0.029 0.193 0.150 0.265 0.674 0.676 0.676 0.676	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324 7.891 7.845 7.764 7.677 7.498 P (psi) = 3 14:39:37 Average (p sc-01 6.974 7.003 7.398 7.381 7.370 7.361 7.355 7.984 7.933	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536 6.973 1994 sia) sc-02 6.973 7.002 7.166 7.123 7.239 7.647 7.650 7.649 7.592	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547 H=52.59 May Average (sc-01 0.001 0.030 0.447 0.431 0.420 0.412 0.404 1.063 1.013	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589 0.000 0.589 P=48.10 15 psid) sc-02 0.000 0.030 0.204 0.158 0.280 0.711 0.712 0.711 0.652	3 14:37:25 Average (psc-01 6.977 7.006 7.380 7.364 7.354 7.341 7.937 7.890 7.804 7.711 7.523 P (psi) = 3 14:41:46 Average (psc-01 6.977 7.006 7.423 7.407 7.388 7.380 8.039 7.989	1994 sia) sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565 6.976 7.565 6.976 7.565 6.976 7.180 7.134 7.256 7.687 7.689 7.687 7.628
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.001 0.030 0.383 0.369 0.352 0.345 0.912 0.867 0.785 0.698 0.519 H=52.36 May Average (sc-01 0.001 0.030 0.425 0.408 0.397 0.388 0.382 1.011 0.960 0.870	psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557 P=48.08 (psid) sc-02 0.000 0.029 0.193 0.150 0.265 0.674 0.676 0.676 0.676 0.676 0.676 0.679 0.000	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.324 7.891 7.845 7.764 7.677 7.498 P (psi) = 3 14:39:37 Average (p sc-01 6.974 7.003 7.398 7.381 7.370 7.361 7.355 7.984 7.933 7.843	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536 6.973 1994 sia) sc-02 6.973 7.002 7.166 7.123 7.239 7.647 7.650 7.649 7.592 6.974	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547 H=52.59 May Average (sc-01 0.001 0.030 0.447 0.431 0.420 0.412 0.404 1.063 1.013 0.917	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589 0.000 0.589 P=48.10 13 (psid) sc-02 0.000 0.030 0.204 0.158 0.280 0.711 0.712 0.711 0.652 0.000	3 14:37:25 Average (psc-01 6.977 7.006 7.380 7.364 7.354 7.341 7.937 7.890 7.804 7.711 7.523 P (psi) = 3 14:41:46 Average (psc-01 6.977 7.006 7.423 7.407 7.397 7.388 7.380 8.039 7.989 7.893	1994 sia) sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565 6.976 7.565 6.976 7.565 6.976 7.180 7.134 7.256 7.689 7.687 7.689 7.687 7.628 6.976
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=820 Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.001 0.030 0.383 0.369 0.352 0.345 0.912 0.867 0.785 0.698 0.519 H=52.36 May Average (sc-01 0.030 0.425 0.408 0.397 0.388 0.382 1.011 0.960	(psid) sc-02 0.000 0.029 0.173 0.134 0.239 0.610 0.612 0.611 0.558 0.000 0.557 P=48.08 (psid) sc-02 0.000 0.029 0.193 0.150 0.265 0.674 0.676 0.676 0.676	3 14:35:35 Average (p sc-01 6.980 7.009 7.362 7.348 7.338 7.331 7.324 7.891 7.845 7.764 7.677 7.498 P (psi) = 3 14:39:37 Average (p sc-01 6.974 7.003 7.398 7.381 7.370 7.361 7.355 7.984 7.933	1994 sia) sc-02 6.979 7.008 7.152 7.113 7.218 7.589 7.591 7.590 7.537 6.979 7.536 6.973 1994 sia) sc-02 6.973 7.002 7.166 7.123 7.239 7.647 7.650 7.649 7.592	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=840 Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.001 0.030 0.404 0.388 0.378 0.371 0.365 0.961 0.914 0.828 0.735 0.547 H=52.59 May Average (sc-01 0.001 0.030 0.447 0.431 0.420 0.412 0.404 1.063 1.013	psid) sc-02 0.000 0.030 0.183 0.142 0.252 0.644 0.645 0.644 0.589 0.000 0.589 P=48.10 15 psid) sc-02 0.000 0.030 0.204 0.158 0.280 0.711 0.712 0.711 0.652	3 14:37:25 Average (psc-01 6.977 7.006 7.380 7.364 7.354 7.341 7.937 7.890 7.804 7.711 7.523 P (psi) = 3 14:41:46 Average (psc-01 6.977 7.006 7.423 7.407 7.388 7.380 8.039 7.989	1994 sia) sc-02 6.976 7.006 7.159 7.118 7.228 7.620 7.621 7.620 7.565 6.976 7.565 6.976 7.565 6.976 7.180 7.134 7.256 7.687 7.689 7.687 7.628

RPM=860 Fri	H=52.81 May	P=48.09	P (psi) :	= 6.975 6 1994	RPM=880 Fri	H=53.14 May	P=48.15	P (psi)	= 6.983 5 1994
	Average	(psid)	Average (psia)		Average ((psid)	Average (psia)
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
1	100.0	0.000	6.975	6.975	I	0.001	0.000	6.984	6.984
2	0.030	0.030	7.004	7.004	2	0.030	0.029	7.013	7.013
3	0.468	0.214	7.443	7.189	3	0.493	0.226	7.476	7.209
4	0.451	0.166	7.426	7.141	4	0.474	0.176	7.457	7.159
5	0.439	0.295	7.414	7.269	5	0.462	0.311	7.446	7.294
6	0.431	0.746	7.406	7.720	6	0.454	0.784	7.437	7.768
7	0.422	0.747	7.397	7.722	7	0.444	0.787	7.428	7.770
8	1.118	0.746	8.092	7.721	8	1.176			
9	1.067	0.746					0.786	8.160	7.770
			8.042	7.659	9	1.121	0.721	8.104	7.705
10	0.965	0.000	7.939	6.975	10	1.013	0.000	7.997	6.984
11	0.854	0.684	7.829	7.658	11	0.898	0.720	7.881	7.704
12	0.634		7.608		12	0.666		7.650	
DD14 000	**	TD 40.44							
RPM=900	H=53.35		P (psi) =	6.982	RPM=920	H=53.61		P (psi) =	
Fri	May		14:48:53		Fri	May		3 14:51:16	1994
	Average (psid)	Average (p	osia)		Average (psid)	Average (p	osia)
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
I	0.001	0.000	6.983	6.982	1	0.001	0.000	6.984	6.984
2	0.030	0.029	7.012	7.011	2	0.030	0.030	7.013	7.013
3	0.514	0.234	7.496	7.216	3	0.544	0.247	7.527	7.230
4	0.494	0.182	7.476	7.164	4	0.523	0.192	7.506	7.175
5	0.482	0.323	7.464	7.304	5	0.510	0.192	7.493	7.323
6	0.472	0.323	7.454	7.800	6				
7						0.501	0.864	7.484	7.847
	0.463	0.820	7.445	7.802	7	0.490	0.865	7.473	7.849
8	1.228	0.820	8.210	7.801	8	1.302	0.864	8.286	7.847
9	1.171	0.753	8.153	7.735	9	1.233	0.795	8.217	7.778
10	1.059	0.000	8.040	6.982	10	1.112	0.001	8.095	6.984
11	0.938	0.752	7.919	7.734	11	0.984	0.794	7.967	7.777
12	0.690		7.672		12	0.723		7.706	
DD34-040	LI-52 90	D_40 10	D (:) -	(000	DD34-060	TY C4 01	D 40.00	Y ('*)	
RPM=940	H=53.89	P=48.18	P (psi) =		RPM=960	H=54.21	P=48.23	P (psi) =	
RPM=940 Fri	May	13	14:53:31	1994	RPM=960 Fri	May	13	14:56:31	1994
Fri	May Average (p	13 osid)	14:53:31 Average (p	1994 sia)	Fri	May Average (p	13 osid)	3 14:56:31 Average (p	1994 sia)
Fri Transducer	May Average (p sc-01	13 osid) sc-02	14:53:31 Average (p. sc-01	1994 sia) sc-02	Fri Transducer	May Average (p sc-01	13 osid) sc-02	3 14:56:31 Average (p sc-01	1994 sia) sc-02
Fri Transducer	May Average (p sc-01 0.001	13 osid) sc-02 0.001	14:53:31 Average (p. sc-01 6.989	1994 sia) sc-02 6.988	Fri Transducer l	May Average (p sc-01 0.001	13 osid) sc-02 0.001	3 14:56:31 Average (p sc-01 6.996	1994 sia) sc-02 6.996
Fri Transducer 1 2	May Average (p sc-01 0.001 0.030	13 osid) sc-02 0.001 0.030	14:53:31 Average (p. sc-01 6.989 7.017	1994 sia) sc-02 6.988 7.017	Fri Transducer 1 2	May Average (p sc-01 0.001 0.030	13 osid) sc-02 0.001 0.030	3 14:56:31 Average (p sc-01 6.996 7.024	1994 sia) sc-02 6.996 7.024
Fri Transducer 1 2 3	May Average (p sc-01 0.001 0.030 0.564	13 osid) sc-02 0.001 0.030 0.256	14:53:31 Average (psc-01 6.989 7.017 7.551	1994 sia) sc-02 6.988 7.017 7.244	Fri Transducer 1 2 3	May Average (p sc-01 0.001 0.030 0.590	9sid) sc-02 0.001 0.030 0.268	3 14:56:31 Average (p sc-01 6.996 7.024 7.585	1994 sia) sc-02 6.996 7.024 7.263
Fri Transducer 1 2 3 4	May Average (p sc-01 0.001 0.030 0.564 0.540	13 osid) sc-02 0.001 0.030 0.256 0.201	14:53:31 Average (p. sc-01 6.989 7.017 7.551 7.528	1994 sia) sc-02 6.988 7.017 7.244 7.189	Fri Transducer 1 2 3 4	May Average (p sc-01 0.001 0.030 0.590 0.567	9sid) sc-02 0.001 0.030 0.268 0.210	3 14:56:31 Average (p sc-01 6.996 7.024	1994 sia) sc-02 6.996 7.024 7.263 7.205
Fri Transducer 1 2 3 4 5	May Average (psc-01 0.001 0.030 0.564 0.540 0.526	13 osid) sc-02 0.001 0.030 0.256 0.201 0.352	14:53:31 Average (p. sc-01 6.989 7.017 7.551 7.528 7.513	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340	Fri Transducer 1 2 3 4 5	May Average (p sc-01 0.001 0.030 0.590	9sid) sc-02 0.001 0.030 0.268	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363
Fri Transducer 1 2 3 4 5 6	May Average (p sc-01 0.001 0.030 0.564 0.540	13 osid) sc-02 0.001 0.030 0.256 0.201	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884	Fri Transducer 1 2 3 4	May Average (p sc-01 0.001 0.030 0.590 0.567	9sid) sc-02 0.001 0.030 0.268 0.210	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562	1994 sia) sc-02 6.996 7.024 7.263 7.205
Fri Transducer 1 2 3 4 5 6 7	May Average (psc-01 0.001 0.030 0.564 0.540 0.526	sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899	14:53:31 Average (p. sc-01 6.989 7.017 7.551 7.528 7.513	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340	Fri Transducer 1 2 3 4 5	May Average (p sc-01 0.001 0.030 0.590 0.567 0.553	13 osid) sc-02 0.001 0.030 0.268 0.210 0.368	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363
Fri Transducer 1 2 3 4 5 6 7 8	May Average (psc-01 0.001 0.030 0.564 0.540 0.526 0.515	13 osid) sc-02 0.001 0.030 0.256 0.201 0.352 0.896	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884	Fri Transducer 1 2 3 4 5 6	May Average (p sc-01 0.001 0.030 0.590 0.567 0.553 0.542	0.001 0.030 0.268 0.210 0.368 0.937	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931
Fri Transducer 1 2 3 4 5 6 7	May Average (g sc-01 0.001 0.030 0.564 0.540 0.526 0.515 0.506	sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886	Fri Transducer 1 2 3 4 5 6 7	May Average (p sc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531	sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934
Fri Transducer 1 2 3 4 5 6 7 8	May Average (p sc-01 0.001 0.030 0.564 0.526 0.515 0.506 1.349	sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897	14:53:31 Average (psc-01 6.989 7.017 7.551 7.552 7.513 7.503 7.494 8.337	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884	Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (p sc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859
Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (psc-01 0.001 0.030 0.564 0.540 0.526 0.515 0.506 1.349 1.287 1.160	sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897 0.826	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813	Fri Transducer 1 2 3 4 5 6 7 8	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864 0.001	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996
Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (p sc-01 0.001 0.030 0.564 0.526 0.515 0.506 1.349 1.287	sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897 0.826 0.001	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988	Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (p sc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209 8.067	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (psc-01 0.001 0.030 0.564 0.540 0.526 0.515 0.506 1.349 1.287 1.160 1.026	sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897 0.826 0.001	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864 0.001	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (psc-01 0.001 0.030 0.564 0.540 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754	sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897 0.826 0.001 0.825	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) =	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988 7.812	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864 0.001	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209 8.067	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (psc-01 0.001 0.030 0.564 0.540 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754	sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897 0.826 0.001 0.825	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988 7.812	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789	sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209 8.067 7.784	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980	May Average (psc-01 0.001 0.030 0.564 0.540 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754 H=54.46	sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897 0.826 0.001 0.825	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) =	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988 7.812	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789 H=54.72	sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209 8.067 7.784 P (psi) = 15:00:15	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980	May Average (psc-01 0.001 0.030 0.564 0.540 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754 H=54.46 May	sid) sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897 0.826 0.001 0.825	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) = 14:58:20 Average (ps	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988 7.812	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789 H=54.72 May	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862 P=48.23 13	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209 8.067 7.784 P (psi) = 15:00:15 Average (ps	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Fri	May Average (psc-01 0.001 0.030 0.564 0.540 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754 H=54.46 May Average (ps	13 sid) sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897 0.826 0.001 0.825 P=48.27 13 sid) sc-02	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) = 14:58:20 Average (pssc-01	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988 7.812 7.001 1994 ia) sc-02	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Fri Transducer	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789 H=54.72 May Average (pssc-01	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862 P=48.23 13 sid) sc-02	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209 8.067 7.784 P (psi) = 15:00:15 Average (ps sc-01	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Fri Transducer 1	May Average (psc-01 0.001 0.030 0.564 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754 H=54.46 May Average (psc-01 0.001	sid) sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897 0.826 0.001 0.825 P=48.27 13 sid) sc-02 0.001	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) = 14:58:20 Average (pssc-01 7.002	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988 7.812 7.001 1994 ia) sc-02 7.001	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Fri Transducer 1	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789 H=54.72 May Average (pssc-01 0.001	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862 P=48.23 sid) sc-02 0.001	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209 8.067 7.784 P (psi) = 15:00:15 Average (ps sc-01 6.996	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857 6.995 1994 sia) sc-02 6.996
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Fri Transducer 1 2	May Average (psc-01 0.001 0.030 0.564 0.540 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754 H=54.46 May Average (psc-01 0.001 0.030	13 osid) sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897 0.826 0.001 0.825 P=48.27 13 sid) sc-02 0.001 0.029	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) = 14:58:20 Average (pssc-01 7.002 7.002	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988 7.812 7.001 1994 ia) sc-02 7.001 7.030	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Fri Transducer 1 2	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789 H=54.72 May Average (pssc-01 0.001 0.030	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862 P=48.23 sid) sc-02 0.001 0.029	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209 8.067 7.784 P (psi) = 15:00:15 Average (ps sc-01 6.996 7.025	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857 6.995 1994 sia) sc-02 6.996 7.024
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Fri Transducer 1 2 3	May Average (psc-01 0.001 0.030 0.564 0.540 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754 H=54.46 May Average (psc-01 0.001 0.030 0.614	13 osid) sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.897 0.826 0.001 0.825 P=48.27 13 sid) sc-02 0.001 0.029 0.280	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) = 14:58:20 Average (ps sc-01 7.002 7.030 7.615	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.813 6.988 7.812 7.001 1994 ia) sc-02 7.001 7.030 7.280	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Fri Transducer 1 2 3	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789 H=54.72 May Average (pssc-01 0.001 0.030 0.641	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862 P=48.23 sid) sc-02 0.001 0.029 0.291	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209 8.067 7.784 P (psi) = 15:00:15 Average (ps sc-01 6.996 7.025 7.636	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857 6.995 1994 sia) sc-02 6.996 7.024 7.286
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Fri Transducer 1 2 3 4	May Average (psc-01 0.001 0.030 0.564 0.540 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754 H=54.46 May Average (psc-01 0.030 0.614 0.592	13 osid) sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.897 0.826 0.001 0.825 P=48.27 13 sid) sc-02 0.001 0.029 0.280 0.219	14:53:31 Average (psc-01 6.989 7.017 7.551 7.558 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) = 14:58:20 Average (ps sc-01 7.002 7.030 7.615 7.593	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.813 6.988 7.812 7.001 1994 ia) sc-02 7.001 7.030 7.280 7.220	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Fri Transducer 1 2 3 4	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789 H=54.72 May Average (pssc-01 0.001 0.030 0.641 0.616	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862 P=48.23 sid) sc-02 0.001 0.029 0.291 0.229	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209 8.067 7.784 P (psi) = 15:00:15 Average (ps sc-01 6.996 7.025 7.636 7.611	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857 6.995 1994 sia) sc-02 6.996 7.024 7.286 7.224
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Fri Transducer 1 2 3 4 5	May Average (psc-01 0.001 0.030 0.564 0.540 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754 H=54.46 May Average (psc-01 0.030 0.614 0.592 0.577	13 osid) sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897 0.826 0.001 0.825 P=48.27 13 sid) sc-02 0.001 0.029 0.280 0.219 0.386	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) = 14:58:20 Average (ps sc-01 7.002 7.030 7.615 7.593 7.578	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.813 6.988 7.812 7.001 1994 ia) sc-02 7.001 7.030 7.280 7.220 7.386	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Fri Transducer 1 2 3 4 5	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789 H=54.72 May Average (pssc-01 0.001 0.030 0.641 0.616 0.601	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862 P=48.23 13 sid) sc-02 0.001 0.029 0.291 0.229 0.401	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209 8.067 7.784 P (psi) = 15:00:15 Average (pssc-01 6.996 7.025 7.636 7.611 7.596	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857 6.995 1994 sia) sc-02 6.996 7.024 7.286 7.224 7.396
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Fri Transducer 1 2 3 4 5 6	May Average (psc-01 0.001 0.030 0.564 0.540 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754 H=54.46 May Average (psc-01 0.030 0.614 0.592 0.577 0.566	13 osid) sc-02 0.001 0.352 0.896 0.899 0.825 P=48.27 13 sid) sc-02 0.001 0.029 0.280 0.219 0.386 0.977	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) = 14:58:20 Average (ps sc-01 7.002 7.030 7.615 7.593 7.578 7.567	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988 7.812 7.001 1994 ia) sc-02 7.001 7.030 7.280 7.220 7.386 7.977	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Fri Transducer 1 2 3 4 5 6	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789 H=54.72 May Average (pssc-01 0.001 0.030 0.641 0.616 0.601 0.592	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862 P=48.23 13 sid) sc-02 0.001 0.029 0.291 0.229 0.401 1.019	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209 8.067 7.784 P (psi) = 15:00:15 Average (pssc-01 6.996 7.025 7.636 7.611 7.596 7.587	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857 6.995 1994 sia) sc-02 6.996 7.024 7.286 7.024 7.396 8.014
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Fri Transducer 1 2 3 4 5 6 7	May Average (psc-01 0.001 0.030 0.564 0.540 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754 H=54.46 May Average (psc-01 0.001 0.030 0.614 0.592 0.577 0.566 0.556	13 osid) sc-02 0.001 0.352 0.896 0.899 0.825 P=48.27 13 sid) sc-02 0.001 0.029 0.280 0.219 0.386 0.977 0.979	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) = 14:58:20 Average (pssc-01 7.002 7.030 7.615 7.593 7.578 7.567 7.556	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988 7.812 7.001 1994 ia) sc-02 7.001 7.030 7.280 7.220 7.386 7.977 7.980	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Fri Transducer 1 2 3 4 5 6 7	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789 H=54.72 May Average (pssc-01 0.001 0.030 0.641 0.616 0.601 0.592 0.581	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862 P=48.23 13 sid) sc-02 0.001 0.029 0.291 0.229 0.401 1.019 1.021	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209 8.067 7.784 P (psi) = 15:00:15 Average (ps sc-01 6.996 7.025 7.636 7.611 7.596 7.587 7.576	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857 6.995 1994 sia) sc-02 6.996 7.024 7.286 7.024 7.286 7.224 7.396 8.014 8.016
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Fri Transducer 1 2 3 4 5 6 7 8	May Average (psc-01 0.001 0.030 0.564 0.540 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754 H=54.46 May Average (psc-01 0.001 0.030 0.614 0.592 0.577 0.566 0.556 1.469	sc-02 0.001 0.352 0.896 0.899 0.897 0.826 0.001 0.825 P=48.27 13 sid) sc-02 0.001 0.029 0.280 0.219 0.386 0.977 0.979 0.978	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) = 14:58:20 Average (pssc-01 7.002 7.030 7.615 7.593 7.578 7.567 7.556 8.470	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988 7.812 7.001 1994 ia) sc-02 7.001 7.030 7.280 7.220 7.386 7.977 7.980 7.979	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Fri Transducer 1 2 3 4 5 6 7 8	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789 H=54.72 May Average (pssc-01 0.001 0.030 0.641 0.616 0.601 0.592 0.581 1.526	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862 P=48.23 13 sid) sc-02 0.001 0.029 0.291 0.229 0.401 1.019 1.021 1.020	3 14:56:31 Average (psc-01 6.996 7.024 7.585 7.562 7.548 7.526 8.398 8.342 8.209 8.067 7.784 P (psi) = 15:00:15 Average (pssc-01 6.996 7.025 7.636 7.611 7.596 7.587 7.576 8.521	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857 6.995 1994 sia) sc-02 6.996 7.024 7.286 7.024 7.396 8.014
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (psc-01 0.001 0.030 0.564 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754 H=54.46 May Average (psc-01 0.030 0.614 0.592 0.577 0.566 0.556 1.469 1.407	13 sid) sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897 0.826 0.001 0.825 P=48.27 13 sid) sc-02 0.001 0.029 0.280 0.219 0.386 0.977 0.979 0.978 0.901	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) = 14:58:20 Average (pssc-01 7.002 7.030 7.615 7.593 7.578 7.556 8.470 8.408	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988 7.812 7.001 1994 ia) sc-02 7.001 7.030 7.280 7.280 7.280 7.280 7.386 7.977 7.980 7.979 7.902	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789 H=54.72 May Average (psc-01 0.001 0.030 0.641 0.616 0.601 0.592 0.581 1.526 1.473	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862 P=48.23 13 sid) sc-02 0.001 0.029 0.291 0.229 0.401 1.019 1.021	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209 8.067 7.784 P (psi) = 15:00:15 Average (ps sc-01 6.996 7.025 7.636 7.611 7.596 7.587 7.576	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857 6.995 1994 sia) sc-02 6.996 7.024 7.286 7.024 7.286 7.224 7.396 8.014 8.016
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (psc-01 0.001 0.030 0.564 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754 H=54.46 May Average (psc-01 0.030 0.614 0.592 0.577 0.566 0.556 1.469 1.407 1.269	13 sid) sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897 0.826 0.001 0.825 P=48.27 13 sid) sc-02 0.001 0.029 0.280 0.219 0.386 0.977 0.979 0.978 0.901 0.001	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) = 14:58:20 Average (pssc-01 7.002 7.030 7.615 7.593 7.578 7.567 7.556 8.470 8.408 8.270	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988 7.812 7.001 1994 ia) sc-02 7.001 7.030 7.280 7.220 7.386 7.977 7.980 7.979	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Fri Transducer 1 2 3 4 5 6 7 8	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789 H=54.72 May Average (pssc-01 0.001 0.030 0.641 0.616 0.601 0.592 0.581 1.526	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862 P=48.23 13 sid) sc-02 0.001 0.029 0.291 0.229 0.401 1.019 1.021 1.020	3 14:56:31 Average (psc-01 6.996 7.024 7.585 7.562 7.548 7.526 8.398 8.342 8.209 8.067 7.784 P (psi) = 15:00:15 Average (pssc-01 6.996 7.025 7.636 7.611 7.596 7.587 7.576 8.521	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857 6.995 1994 sia) sc-02 6.996 7.024 7.286 7.024 7.286 7.224 7.396 8.014 8.016 8.015
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Fri Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (psc-01 0.001 0.030 0.564 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754 H=54.46 May Average (psc-01 0.001 0.030 0.614 0.592 0.577 0.566 0.556 1.469 1.407 1.269 1.121	13 sid) sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897 0.826 0.001 0.825 P=48.27 13 sid) sc-02 0.001 0.029 0.280 0.219 0.386 0.977 0.979 0.978 0.901	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) = 14:58:20 Average (pssc-01 7.002 7.030 7.615 7.593 7.578 7.556 8.470 8.408 8.270 8.121	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988 7.812 7.001 1994 ia) sc-02 7.001 7.030 7.280 7.280 7.280 7.280 7.386 7.977 7.980 7.979 7.902	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789 H=54.72 May Average (psc-01 0.001 0.030 0.641 0.616 0.601 0.592 0.581 1.526 1.473	sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862 P=48.23 13 sid) sc-02 0.001 0.029 0.291 0.229 0.401 1.019 1.021 1.020 0.941	3 14:56:31 Average (p sc-01 6.996 7.024 7.585 7.562 7.548 7.537 7.526 8.398 8.342 8.209 8.067 7.784 P (psi) = 15:00:15 Average (ps sc-01 6.996 7.025 7.636 7.611 7.596 7.587 7.576 8.521 8.468	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857 6.995 1994 sia) sc-02 6.996 7.024 7.286 7.024 7.286 7.224 7.396 8.014 8.016 8.015 7.936
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=980 Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (psc-01 0.001 0.030 0.564 0.526 0.515 0.506 1.349 1.287 1.160 1.026 0.754 H=54.46 May Average (psc-01 0.030 0.614 0.592 0.577 0.566 0.556 1.469 1.407 1.269	13 sid) sc-02 0.001 0.030 0.256 0.201 0.352 0.896 0.899 0.897 0.826 0.001 0.825 P=48.27 13 sid) sc-02 0.001 0.029 0.280 0.219 0.386 0.977 0.979 0.978 0.901 0.001	14:53:31 Average (psc-01 6.989 7.017 7.551 7.528 7.513 7.503 7.494 8.337 8.275 8.147 8.013 7.741 P (psi) = 14:58:20 Average (pssc-01 7.002 7.030 7.615 7.593 7.578 7.567 7.556 8.470 8.408 8.270	1994 sia) sc-02 6.988 7.017 7.244 7.189 7.340 7.884 7.886 7.884 7.813 6.988 7.812 7.001 1994 ia) sc-02 7.001 7.030 7.280 7.280 7.280 7.280 7.280 7.290 7.386 7.977 7.980 7.979 7.902 7.001	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1000 Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (psc-01 0.001 0.030 0.590 0.567 0.553 0.542 0.531 1.403 1.347 1.214 1.072 0.789 H=54.72 May Average (psc-01 0.001 0.030 0.641 0.616 0.601 0.592 0.581 1.526 1.473 1.328	13 sid) sc-02 0.001 0.030 0.268 0.210 0.368 0.937 0.939 0.938 0.864 0.001 0.862 P=48.23 13 sid) sc-02 0.001 0.029 0.291 0.229 0.401 1.019 1.021 1.020 0.941 0.001	3 14:56:31 Average (psc-01 6.996 7.024 7.585 7.562 7.548 7.526 8.398 8.342 8.209 8.067 7.784 P (psi) = 15:00:15 Average (pssc-01 6.996 7.025 7.636 7.611 7.596 7.587 7.576 8.521 8.468 8.322	1994 sia) sc-02 6.996 7.024 7.263 7.205 7.363 7.931 7.934 7.933 7.859 6.996 7.857 6.995 1994 sia) sc-02 6.996 7.024 7.286 7.024 7.396 8.014 8.016 8.015 7.936 6.996

RPM=1020	H=55.02	P=48.30	P (psi) =	7.005	RPM=1040	H=55.27		P (psi) =	
Fri	May		15:02:42	1994	Fri	May		15:04:37	1994
	Average ((psid)	Average (p	sia)		Average (Average (p	
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
1	0.001	0.001	7.006	7.006	I	0.001	0.001	7.008	7.007
2	0.030	0.030	7.035	7.035	2	0.030	0.030	7.036	7.036
3	0.665	0.303	7.670	7.308	3	0.688	0.314	7.695	7.320
4	0.639	0.237	7.644	7.242	4	0.664	0.245	7.670	7.252
5	0.624	0.416	7.629	7.421	5	0.646	0.431	7.653	7.438
6	0.613	1.060	7.618	8.065	6	0.634	1.094	7.641	8.100
7	0.600	1.063	7.605	8.068	7	0.621	1.097	7.627	8.104
8	1.588	1.061	8.593	8.066	8	1.653	1.095	8.660	8.102
9	1.532	0.980	8.537	7.985	9	1.592	1.012	8.598	8.019
10	1.383	0.001	8.388	7.006	10	1.430	0.001	8.437	7.007
11	1.215	0.978	8.220	7.983	11	1.256	1.010	8.262	8.017
12	0.893		7.898		12	0.925		7.931	
RPM=1060	H=55.54	P=48.28	P (psi) =	7.002	RPM=1080	H=55.81	P=48.28	P (psi) =	7.002
Fri	May		3 15:06:12		Fri	May		15:08:01	
FII	Average		Average (p		• • •	Average (Average (p	
Transducer	sc-01	sc-02	sc-01	sc-02	Transducer	sc-01	sc-02	sc-01	sc-02
l ransuucer	0.001	0.001	7.003	7.003	l	0.001	0.001	7.003	7.003
2	0.031	0.030	7.032	7.032	2	0.030	0.029	7.032	7.032
3	0.030	0.326	7.718	7.328	3	0.745	0.341	7.747	7.343
4	0.690	0.320	7.692	7.257	4	0.715	0.270	7.717	7.272
5	0.671	0.448	7.673	7.450	5	0.694	0.467	7.696	7.470
6	0.657	1.137	7.659	8.139	6	0.676	1.182	7.678	8.184
7	0.642	1.140	7.644	8.142	7	0.661	1.186	7.663	8.188
8	1.710	1.138	8.712	8.140	8	1.772	1.184	8.775	8.186
9	1.657	1.053	8.659	8.055	9	1.723	1.096	8.725	8.098
10	1.485	0.001	8.487	7.003	10	1.545	0.001	8.547	7.003
11	1.306	1.051	8.308	8.053	11	1.358	1.094	8.360	8.096
12	0.965	1.051	7.967	0.055	12	1.003	2.00	8.005	
12	0.903		1.501			1.005		0.000	
RPM=1100	H=56.13	P=48.34	P (psi) =	7.011	RPM=1120	H=56.45	P=48.33	P (psi) =	
RPM=1100 Fri	H=56.13 May		P (psi) = 3 15:10:20		RPM=1120 Fri	H=56.45 May		P (psi) = 3 15:12:18	
RPM=1100 Fri	May	13	3 15:10:20	1994			13		1994
Fri	May Average	13		1994		May	13	15:12:18	1994
	May	13 (psid)	3 15:10:20 Average (p.	1994 sia)	Fri Transducer I	May Average (13 (psid) sc-02 0.001	3 15:12:18 Average (p sc-01 7.011	sc-02 7.010
Fri Transducer	May Average sc-01	13 (psid) sc-02	3 15:10:20 Average (p. sc-01	1994 sia) sc-02	Fri Transducer	May Average (sc-01	13 (psid) sc-02 0.001 0.030	3 15:12:18 Average (p sc-01 7.011 7.039	sc-02 7.010 7.039
Fri Transducer	May Average (sc-01 0.001	13 (psid) sc-02 0.001	3 15:10:20 Average (p. sc-01 7.012	1994 sia) sc-02 7.012	Fri Transducer 1 2 3	May Average (sc-01 0.002 0.030 0.796	(psid) sc-02 0.001 0.030 0.368	3 15:12:18 Average (p sc-01 7.011 7.039 7.806	sc-02 7.010 7.039 7.378
Fri Transducer 1 2	May Average (sc-01 0.001 0.030	(psid) sc-02 0.001 0.030	3 15:10:20 Average (p sc-01 7.012 7.041	1994 sia) sc-02 7.012 7.040 7.364 7.288	Fri Transducer 1 2 3 4	May Average (sc-01 0.002 0.030 0.796 0.764	(psid) sc-02 0.001 0.030 0.368 0.288	3 15:12:18 Average (psc-01 7.011 7.039 7.806 7.773	3 1994 osia) sc-02 7.010 7.039 7.378 7.297
Fri Transducer 1 2 3	May Average (sc-01 0.001 0.030 0.765	(psid) sc-02 0.001 0.030 0.353	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494	Fri Transducer 1 2 3 4 5	May Average (sc-01 0.002 0.030 0.796 0.764 0.739	(psid) sc-02 0.001 0.030 0.368 0.288 0.504	3 15:12:18 Average (psc-01 7.011 7.039 7.806 7.773 7.749	sc-02 7.010 7.039 7.378 7.297 7.513
Fri Transducer 1 2 3 4	May Average (sc-01 0.001 0.030 0.765 0.732	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232	Fri Transducer 1 2 3 4 5 6	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270	3 15:12:18 Average (r sc-01 7.011 7.039 7.806 7.773 7.749 7.731	sc-02 7.010 7.039 7.378 7.297 7.513 8.280
Fri Transducer 1 2 3 4 5	May Average (sc-01 0.001 0.030 0.765 0.732 0.711	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236	Fri Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274	3 15:12:18 Average (psc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283
Fri Transducer 1 2 3 4 5 6	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234	Fri Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271	3 15:12:18 Average (g sc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718 8.921	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280
Fri Transducer 1 2 3 4 5 6 7 8 9	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143	Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178	3 15:12:18 Average (sc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718 8.921 8.861	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188
Fri Transducer 1 2 3 4 5 6 7 8	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012	Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001	3 15:12:18 Average (sc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718 8.921 8.861 8.668	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.283 8.280 8.188 7.010
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178	3 15:12:18 Average (g sc-01 7.011 7.039 7.806 7.773 7.749 7.718 8.921 8.861 8.668 8.470	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188
Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012	Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001	3 15:12:18 Average (sc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718 8.921 8.861 8.668	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188 7.010
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average sc-01 0.001 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001	3 15:12:18 Average (g sc-01 7.011 7.039 7.806 7.773 7.749 7.718 8.921 8.861 8.668 8.470	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188 7.010 8.186
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140	May Average sc-01 0.001 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036	(psid) sc-02 0.001 0.330 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047 P (psi) =	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077 H=57.09	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001 1.177	3 15:12:18 Average (g sc-01 7.011 7.039 7.806 7.773 7.749 7.718 8.921 8.861 8.668 8.470 8.086	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.283 8.188 7.010 8.186
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036 H=56.78 May	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047 P (psi) = 3 15:14:25	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077 H=57.09 May	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001 1.177	3 15:12:18 Average (gsc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718 8.921 8.861 8.668 8.470 8.086 P (psi) = 3 15:16:14	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188 7.010 8.186
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Fri	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036 H=56.78 May Average	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131 P=48.35 (psid)	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047 P (psi) = 3 15:14:25 Average (p	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142 7.012 1994 sia)	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Fri	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077 H=57.09	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001 1.177	3 15:12:18 Average (g sc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718 8.921 8.861 8.668 8.470 8.086 P (psi) =	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188 7.010 8.186
Fri Transducer 1 2 3 4 4 5 6 7 8 9 10 11 12 RPM=1140 Fri Transducer	Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036 H=56.78 May Average sc-01	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131 P=48.35 (psid) sc-02	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047 P (psi) = 3 15:14:25 Average (p sc-01	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142 7.012 1994 sia) sc-02	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077 H=57.09 May Average ((psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001 1.177 P=48.38 (psid)	3 15:12:18 Average (gsc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718 8.921 8.861 8.668 8.470 8.086 P (psi) = 3 15:16:14 Average (g	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.283 8.188 7.010 8.186
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Fri Transducer 1	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036 H=56.78 May Average sc-01 0.002	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131 P=48.35 (psid) sc-02 0.001	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047 P (psi) = 3 15:14:25 Average (p sc-01 7.014	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142 7.012 1994 sia) sc-02 7.013	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Fri Transducer	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077 H=57.09 May Average (sc-01 0.002	(psid) sc-02 0.001 0.330 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001 1.177 P=48.38 (psid) sc-02 0.001	3 15:12:18 Average (gsc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718 8.921 8.861 8.668 8.470 8.086 P (psi) = 3 15:16:14 Average (gsc-01	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188 7.010 8.186 = 7.017 1 1994 osia) sc-02
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Fri Transducer 1 2	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036 H=56.78 May Average sc-01 0.002 0.030	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131 P=48.35 (psid) sc-02 0.001 0.030	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047 P (psi) = 3 15:14:25 Average (p sc-01 7.014 7.042	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142 7.012 1994 sia) sc-02 7.013 7.042	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Fri Transducer	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077 H=57.09 May Average (sc-01	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001 1.177 P=48.38 (psid) sc-02	3 15:12:18 Average (gsc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718 8.921 8.861 8.668 8.470 8.086 P (psi) = 3 15:16:14 Average (gsc-01 7.018	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188 7.010 8.186 = 7.017 1 1994 osia) sc-02 7.018
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Fri Transducer 1 2 3	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036 H=56.78 May Average sc-01 0.002 0.030 0.823	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131 P=48.35 (psid) sc-02 0.001 0.030 0.382	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047 P (psi) = 3 15:14:25 Average (p sc-01 7.014 7.042 7.835	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142 7.012 1994 sia) sc-02 7.013 7.042 7.394	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Fri Transducer 1 2	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077 H=57.09 May Average (sc-01 0.002 0.030 0.850	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001 1.177 P=48.38 13 (psid) sc-02 0.001 0.030	3 15:12:18 Average (gsc-01 7.011 7.039 7.806 7.731 7.749 7.731 7.718 8.921 8.861 8.668 8.470 8.086 P (psi) = 3 15:16:14 Average (gsc-01 7.018 7.047	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188 7.010 8.186 = 7.017 1 1994 osia) sc-02 7.018 7.046
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Fri Transducer 1 2 3 4	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036 H=56.78 May Average sc-01 0.002 0.030 0.823 0.787	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131 P=48.35 (psid) sc-02 0.001 0.030 0.382 0.299	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047 P (psi) = 3 15:14:25 Average (p sc-01 7.014 7.042 7.835 7.799	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142 7.012 1994 sia) sc-02 7.013 7.042 7.394 7.312	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Fri Transducer 1 2 3 4	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077 H=57.09 May Average (sc-01 0.002 0.030 0.850 0.811	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001 1.177 P=48.38 (psid) sc-02 0.001 0.030 0.396 0.310	3 15:12:18 Average (sc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718 8.921 8.861 8.668 8.470 8.086 P (psi) = 3 15:16:14 Average (sc-01 7.018 7.047 7.866 7.827	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188 7.010 8.186 = 7.017 1 1994 Dsia) sc-02 7.018 7.046 7.413
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Fri Transducer 1 2 3 4 5	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036 H=56.78 May Average sc-01 0.002 0.030 0.823 0.787 0.761	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131 P=48.35 (psid) sc-02 0.001 0.030 0.382 0.299 0.523	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047 P (psi) = 3 15:14:25 Average (p sc-01 7.014 7.042 7.835 7.799 7.774	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142 7.012 1994 sia) sc-02 7.013 7.042 7.394 7.312 7.535	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Fri Transducer 1 2 3 4 5	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077 H=57.09 May Average (sc-01 0.002 0.030 0.850 0.811 0.787	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001 1.177 P=48.38 13 (psid) sc-02 0.001 0.030 0.396 0.310 0.540	3 15:12:18 Average (sc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718 8.921 8.861 8.668 8.470 8.086 P (psi) = 3 15:16:14 Average (sc-01 7.018 7.047 7.866 7.827 7.803	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188 7.010 8.186 = 7.017 1 1994 osia) sc-02 7.018 7.046 7.413 7.326 7.557
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Fri Transducer 1 2 3 4 5 6	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036 H=56.78 May Average sc-01 0.002 0.030 0.823 0.787 0.761 0.745	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131 P=48.35 (psid) sc-02 0.001 0.030 0.382 0.299 0.523 1.313	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047 P (psi) = 3 15:14:25 Average (p sc-01 7.014 7.042 7.835 7.799 7.774 7.757	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142 7.012 1994 sia) sc-02 7.013 7.042 7.394 7.312 7.535 8.326	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Fri Transducer 1 2 3 4 5 6	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077 H=\$7.09 May Average (sc-01 0.002 0.030 0.850 0.811 0.787 0.768	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001 1.177 P=48.38 13 (psid) sc-02 0.001 0.030 0.396 0.310 0.540 1.359	3 15:12:18 Average (sc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718 8.921 8.861 8.668 8.470 8.086 P (psi) = 3 15:16:14 Average (sc-01 7.018 7.047 7.866 7.827 7.803 7.785	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188 7.010 8.186 = 7.017 1 1994 osia) sc-02 7.018 7.046 7.413 7.326 7.557 8.376
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Fri Transducer 1 2 3 4 5 6 7	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036 H=\$6.78 May Average sc-01 0.002 0.030 0.823 0.787 0.761 0.745 0.733	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131 P=48.35 (psid) sc-02 0.001 0.030 0.382 0.299 0.523 1.313 1.318	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047 P (psi) = 3 15:14:25 Average (p sc-01 7.014 7.042 7.835 7.799 7.774 7.757 7.745	1994 sia) sc-02 7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142 7.012 1994 sia) sc-02 7.013 7.042 7.394 7.312 7.535 8.326 8.330	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Fri Transducer 1 2 3 4 5 6 7	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077 H=\$7.09 May Average (sc-01 0.002 0.030 0.850 0.811 0.787 0.768 0.754	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001 1.177 P=48.38 13 (psid) sc-02 0.001 0.030 0.396 0.310 0.540 1.359 1.364	3 15:12:18 Average (sc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718 8.921 8.861 8.668 8.470 8.086 P (psi) = 3 15:16:14 Average (sc-01 7.018 7.047 7.866 7.827 7.803 7.785 7.771	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188 7.010 8.186 = 7.017 1 1994 osia) sc-02 7.018 7.046 7.413 7.326 7.557 8.376 8.380
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Fri Transducer 1 2 3 4 5 6 7 8	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036 H=56.78 May Average sc-01 0.002 0.030 0.823 0.787 0.761 0.745 0.733 1.976	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131 P=48.35 (psid) sc-02 0.001 0.030 0.382 0.299 0.523 1.313 1.318 1.315	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047 P (psi) = 1 15:14:25 Average (p sc-01 7.014 7.042 7.835 7.799 7.774 7.757 7.745 8.988	7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142 7.012 7.012 7.012 7.012 1994 sia) sc-02 7.013 7.042 7.394 7.312 7.535 8.326 8.330 8.328	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Fri Transducer 1 2 3 4 5 6 7 8	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077 H=57.09 May Average (sc-01 0.002 0.030 0.850 0.811 0.787 0.768 0.754 2.038	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001 1.177 P=48.38 (psid) sc-02 0.001 0.030 0.396 0.310 0.540 1.359 1.364 1.362	3 15:12:18 Average (sc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718 8.921 8.861 8.668 8.470 8.086 P (psi) = 3 15:16:14 Average (sc-01 7.018 7.047 7.866 7.827 7.803 7.785 7.771 9.055	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188 7.010 8.186 = 7.017 1 1994 osia) sc-02 7.018 7.046 7.413 7.326 7.557 8.376 8.380 8.379
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Fri Transducer 1 2 3 4 5 6 7 8 9	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036 H=56.78 May Average sc-01 0.002 0.030 0.823 0.787 0.761 0.745 0.733 1.976 1.913	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131 P=48.35 (psid) sc-02 0.001 0.030 0.382 0.299 0.523 1.313 1.318 1.315 1.220	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047 P (psi) = 3 15:14:25 Average (p sc-01 7.014 7.042 7.835 7.799 7.774 7.757 7.745 8.988 8.925	7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142 7.012 7.012 7.012 7.012 7.012 8.142 7.012 8.326 8.330 8.328 8.232	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077 H=57.09 May Average (sc-01 0.002 0.030 0.850 0.811 0.787 0.768 0.754 2.038 1.984	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001 1.177 P=48.38 13 (psid) sc-02 0.001 0.030 0.396 0.310 0.540 1.359 1.364 1.362 1.263	3 15:12:18 Average (gsc-01 7.011 7.039 7.806 7.773 7.718 8.921 8.861 8.668 8.470 8.086 P (psi) = 3 15:16:14 Average (gsc-01 7.018 7.047 7.866 7.827 7.803 7.785 7.771 9.055	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188 7.010 8.186 = 7.017 1 1994 bsia) sc-02 7.018 7.046 7.413 7.326 7.557 8.376 8.380 8.379 8.280
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036 H=56.78 May Average sc-01 0.002 0.030 0.823 0.787 0.761 0.745 0.733 1.976 1.913 1.719	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131 P=48.35 (psid) sc-02 0.001 0.030 0.382 0.299 0.523 1.313 1.318 1.315 1.220 0.001	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047 P (psi) = 3 15:14:25 Average (p sc-01 7.014 7.042 7.835 7.799 7.774 7.757 7.745 8.988 8.925 8.732	7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142 7.012 7.012 7.012 7.012 8.142 7.012 8.142	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Fri Transducer 1 2 3 4 5 6 7 8 9 10	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077 H=57.09 May Average (sc-01 0.002 0.030 0.850 0.811 0.787 0.768 0.754 2.038 1.984 1.784	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001 1.177 P=48.38 13 (psid) sc-02 0.001 0.030 0.396 0.310 0.540 1.359 1.364 1.362 1.263 0.001	3 15:12:18 Average (gsc-01 7.011 7.039 7.806 7.773 7.749 7.731 7.718 8.921 8.861 8.668 8.470 8.086 P (psi) = 3 15:16:14 Average (gsc-01 7.018 7.047 7.866 7.827 7.803 7.785 7.771 9.055 9.001 8.801	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188 7.010 8.186 = 7.017 4. 1994 osia) sc-02 7.018 7.046 7.413 7.326 7.557 8.376 8.380 8.379 8.280 7.018
Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1140 Fri Transducer 1 2 3 4 5 6 7 8 9	May Average sc-01 0.001 0.030 0.765 0.732 0.711 0.696 0.681 1.837 1.781 1.593 1.401 1.036 H=56.78 May Average sc-01 0.002 0.030 0.823 0.787 0.761 0.745 0.733 1.976 1.913	(psid) sc-02 0.001 0.030 0.353 0.278 0.483 1.221 1.225 1.223 1.132 0.001 1.131 P=48.35 (psid) sc-02 0.001 0.030 0.382 0.299 0.523 1.313 1.318 1.315 1.220	3 15:10:20 Average (p sc-01 7.012 7.041 7.776 7.743 7.722 7.707 7.692 8.848 8.792 8.604 8.412 8.047 P (psi) = 3 15:14:25 Average (p sc-01 7.014 7.042 7.835 7.799 7.774 7.757 7.745 8.988 8.925	7.012 7.040 7.364 7.288 7.494 8.232 8.236 8.234 8.143 7.012 8.142 7.012 7.012 7.012 7.012 7.012 8.142 7.012 8.326 8.330 8.328 8.232	Fri Transducer 1 2 3 4 5 6 7 8 9 10 11 12 RPM=1160 Fri Transducer 1 2 3 4 5 6 7 8 9	May Average (sc-01 0.002 0.030 0.796 0.764 0.739 0.722 0.708 1.912 1.851 1.659 1.460 1.077 H=57.09 May Average (sc-01 0.002 0.030 0.850 0.811 0.787 0.768 0.754 2.038 1.984	(psid) sc-02 0.001 0.030 0.368 0.288 0.504 1.270 1.274 1.271 1.178 0.001 1.177 P=48.38 13 (psid) sc-02 0.001 0.030 0.396 0.310 0.540 1.359 1.364 1.362 1.263	3 15:12:18 Average (gsc-01 7.011 7.039 7.806 7.773 7.718 8.921 8.861 8.668 8.470 8.086 P (psi) = 3 15:16:14 Average (gsc-01 7.018 7.047 7.866 7.827 7.803 7.785 7.771 9.055	sc-02 7.010 7.039 7.378 7.297 7.513 8.280 8.283 8.280 8.188 7.010 8.186 = 7.017 1 1994 bsia) sc-02 7.018 7.046 7.413 7.326 7.557 8.376 8.380 8.379 8.280

RPM=0	H=53.51	P=53.51	P (psi) =	7.761
Fri	May	13	15:20:01	1994
	Average (psid)	Average (p	osia)
Transducer	sc-01	sc-02	sc-01	sc-02
1	0.001	0.000	7.761	7.760
2	0.025	0.025	7.786	7.785
3	0.001	0.001	7.762	7.761
4	0.000	0.000	7.761	7.761
5	0.000	0.001	7.761	7.761
6	0.001	0.001	7.761	7.761
7	0.000	0.001	7.761	7.762
8	0.001	0.000	7.761	7.761
9	0.000	0.000	7.761	7.761
10	0.001	0.000	7.762	7.761
11	0.001	0.001	7.761	7.761
12	0.001		7.761	

A.4 Pressure Coefficients - Nozzle Comparison (MAX1, MAX2)

		MAX1			MAX2	
	Nozzle	Nozzle	Nozzle	Nozzle	Nozzle	Nozzle
	1	2	3	11	2	3
R1T1	0.694	0.686	0.676	0.691	0.685	0.678
R1T2	0.674	0.667	0.648	0.671	0.666	0.650
R1T3	0.660	0.654	0.628	0.659	0.653	0.629
R1T4	0.648	0.642	0.614	0.647	0.641	0.615
R1T5	0.636	0.629	0.602	0.634	0.628	0.603
R2T1	1.380	1.446	1.626	1.383	1.448	1.625
R2T2	1.382	1.435	1.574	1.383	1.438	1.572
R2T3	1.263	1.302	1.409	1.264	1.303	1.407
R2T4	1.154	1.177	1.239	1.156	1.178	1.237
R2T5	0.929	0.922	0.915	0.928	0.922	0.914
B1	0.446	0.408	0.310	0.442	0.406	0.311
A1	0.398	0.354	0.244	0.394	0.351	0.245
B2	0.524	0.496	0.425	0.521	0.494	0.426
B3	1.054	1.061	1.079	1.055	1.062	1.078
A3	1.058	1.064	1.083	1.058	1.065	1.082
A4	1.055	1.061	1.080	1.056	1.063	1.079
SC	1.001	1.000	1.001	1.001	1.001	1.000
PC	0.001	0.001	0.001	0.001	0.001	0.001
TOT	1.000	1.000	1.000	1.000	1.000	1.000

A.5 Temperature and Flow Rate Data

q (l/s)		8.53	56.6	55.3	55.3	55.8	9.99	55.6	56.3	9.99	55.8	55.8	55.6	56.3	55.3	55.6	55.8	56.1	56.1	26.1	9.99	56.3	26.8	8.95	57.1	26.8	57.1	8.99	8.7.8	56.3	8.99	57.1	57.8	57.1	8.7.8	57.3	8.99	57.3	9.99	57.3
Tdry (°F)		0.19	0.09	0.19	0.09		0.09		59.0		59.5		59.0		59.0		58.5		9.06		59.0		58.5		58.5			29.0			59.0		58.0		59.0		58.5			58.0
Twet (°F)		58.0	57.0	58.0	57.0		57.0		56.0		59.5		96.0		26.0		55.5		56.0		26.0		55.5		55.5			98.0			9.99		55.0		99.9		55.0			55.0
T14	16.5	9.91	16.9	17.0	17.1	17.1	17.2	17.2	17.4	17.5	17.7	17.9	18.1	18.3	18.4	18.5	18.7	18.8	19.0	1.61	19.3	9.61	8.61	20.0	20.2	20.4	20.5	20.8	21.0	21.2	21.5	21.8	22.0	21.8	22.3	21.9	22.0	22.2	22.3	21.9
T13	16.5	16.7	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.8	18.0	18.3	18.5	18.7	0.61	1.61	19.3	19.5	19.7	20.0	20.2	50.6	20.8	21.1	21.4	21.7	22.0	22.3	22.6	23.0	23.3	23.8	24.1	24.1	24.7	24.4	24.7	25.0	25.5	22.0
T12	16.5	16.7	17.3	17.5	17.7	17.8	18.0	18.1	18.3	18.5	18.7	19.0	19.4	9.61	6.61	20.2	20.5	20.8	21.1	21.5	21.9	22.5	22.5	23.2	23.7	24.1	24.6	25.1	25.6	26.1	26.5	27.1	27.7	28.4	29.0	29.4	30.3	31.0	31.5	31.4
TI	16.2	16.4	17.2	17.3	17.6	17.7	17.9	18.1	18.3	18.5	18.8	19.2	9.61	19.9	20.2	20.5	20.9	21.3	21.7	22.1	22.5	23.3	23.7	24.2	24.8	25.4	25.8	26.4	27.1	27.6	28.2	28.9	29.6	30.4	31.0	31,6	32.5	33.4	34.0	33.2
T.10	9.91	16.8	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.1	17.1	17.2	17.2	17.2	17.3	17.3	17.4	17.4	17.5	17.6	17.6	17.7	17.7	17.8	17.9	18.0	18.1	18.2	18.3	18.3	18.5	9.8	18.7	18.8	19.0	19.2	19.3	19.2
T	16.9	17.0	17.1	17.1	17.1	17.0	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.3	17.3	17.3	17.4	17.4	17.4	17.5	17.5	17.6	17.7	17.8	17.8	17.9	17.9	18.0	1.8.1	18.2	18.3	18.3	18.5	18.6	18.7	18.8	18.9	1.61	19.2	19.3
T8	10.7	9.91	17.1	17.2	17.4	17.5	17.6	17.8	18.0	18.2	18.4	18.8	19.1	19.4	19.7	20.0	20.4	20.6	20.9	21.3	21.7	22.2	22.6	23.0	23.5	24.0	24.4	25.0	25.5	26.0	56.6	27.1	27.8	28.4	28.8	29.1	29.7	29.7	31.0	24.9
T7	0.6	1.91	9.91	16.7	16.9	17.0	17.1	17.3	17.5	17.7	17.9	18.3	18.6	18.9	19.2	19.4	19.8	20.0	20.3	20.7	21.1	21.6	22.0	22.4	22.9	23.3	23.8	24.3	24.8	25.3	25.8	26.4	27.0	27.6	28.0	28.2	28.9	29.3	30.2	24.6
9L	10.8	16.9	17.4	17.5	17.7	17.8	17.9	18.1	18.3	18.5	18.8	19.2	19.5	8.61	20.1	20.4	20.7	21.0	21.3	21.7	22.1	22.7	23.0	23.5	24.0	24.4	24.9	25.4	26.0	26.5	27.1	27.7	28.3	29.0	29.3	29.6	30.3	30.7	31.6	25.1
TS	11.8	16.7	17.2	17.3	17.4	17.6	17.7	17.8	18.0	18.2	18.4	18.8	19.1	19.4	19.7	19.9	20.3	20.5	20.9	21.2	21.6	22.1	22.5	22.9	23.4	23.9	24.3	24.8	25.3	25.8	26.3	26.9	27.5	28.2	28.4	28.7	29.5	29.8	30.6	25.0
T4	12.6	16.9	18.7	18.9	19.3	9.61	8.61	20.2	20.6	20.9	21.4	21.9	22.5	23.0	23.5	24.0	24.6	25.1	25.7	26.4	27.0	27.9	28.6	29.3	30.1	30.9	31.6	32.5	33.3	34.2	35.1	36.0	37.0	38.0	38.7	39.6	40.6	41.6	42.6	35.6
T3	12.1	16.3	18.3	18.4	18.9	19.2	19.4	8.61	20.2	20.6	21.0	21.6	22.1	22.6	23.2	23.7	24.3	24.8	25.4	26.0	26.6	27.6	28.3	29.0	29.8	30.6	31.3	32.2	33.0	33.8	34.8	35.7	36.7	37.8	38.5	39.3	40.4	41.4	42.4	35.5
T2	15.0	17.5	18.7	18.9	19.4	9.61	19.9	20.2	20.7	21.0	21.5	22.1	22.6	23.1	23.7	24.2	24.7	25.3	25.8	26.5	27.1	28.1	28.7	29.4	30.3	31.1	31.8	32.6	33.5	34.4	35.3	36.2	37.2	38.2	38.9	39.8	40.9	41.9	42.9	35.3
I.	14.7	17.1	18.4	18.5	18.9	19.2	19.5	19.8	20.2	20.5	21.0	21.6	22.1	22.6	23.1	23.6	24.1	24.7	25.3	25.9	26.5	27.5	28.1	28.7	29.7	30.4	31.1	32.0	32.8	33.7	34.5	35,4	36.4	37.5	38.2	39.1	40.1	41.1	42.1	35.0
Σ	0.000	0.190	0.197	0.209	0.229	0.239	0.249	0.259	0.269	0.280	0.290	0.300	0.311	0.322	0.331	0.341	0.352	0.361	0.373	0.384	0.393	0.404	0.414	0.424	0.435	0.445	0.455	0.465	0.474	0.485	0.495	0.505	0.515	0.525	0.535	0.546	0.555	0.567	0.577	0.000
P (kPa)	49.60	49.16	49.65	49.69	49.70	49.69	49.67	49.65	49.63	49.61	49.62	49.65	49.65	49.61	49.61	49.57	49.54	49.51	49.43	49.36	49.35	49.38	49.35	49.30	49.26	49.19	49.15	49.09	49.03	48.98	48.90	48.80	48.79	48.77	48.62	48.48	48.44	48.40	48.33	56.05
Н (кРа)	49.60	50.38	51.01	51.23	51.53	51.69	51.83	52.00	52.20	52.37	52.59	52.82	53.07	53.30	53.50	53.71	53.94	54.16	54.40	54.66	54.89	55.26	55.50	55.76	90.99	56.35	56.64	26.90	57.19	57.52	57.81	58.12	58.42	58.80	59.07	59.37	59.77	60.13	60.50	56.05
RPM	0	400	420	440	480	200	520	540	260	580	009	620	640	099	089	700	720	740	160	780	800	820	840	860	880	006	920	940	096	086	1000	1020	1040	1060	1080	1100	1120	1140	1160	0
Time	13:51	14:10	14:25	14:30	14:34	14:36	14:38	14:40	14:43	14:47	14:49	14:50	14:54	14:56	15:00	15:02	15:04	15:06	15:08	15:11	15:14	15:17	15:20	15:23	15:25	15:28	15:30	15:32	15:35	15:38	15:40	15:42	15:44	15:46	15:49	15:51	15:54	15:55	15:58	16:04

9/05/1994 NI INCR

777	d (1/s)	57.3	87.8	57.5	57.8	57.8	57.5	57.8	57.8	57.5	57.5	57.3	57.1	57.1	57.3	58.0	57.5	583	58.0	58.7	57.5	58.3	58.0	57.3	58.3	57.8	58.0	57.5	58.7	57.3	58.3	57.1	58.7	58.5	58.7	58.3	58.7		
(10) (10) (10)	I ury ('F)	į.	0.76	54.5		58.0		57.5		55.0		58.0		57.0		57.0		57.5		57.0		57.0		57.0		57.5		58.0		58.0		58.0		58.0		57.0	57.5		
Tunes (OE)			0.00	53.0	!	55.0		55.0		54.0		55.0		55.0		55.0		55.0		55.0		55.0		55.0		55.0		54.5		55.0		55.0		55.0		55.0	56.0		
T.14		5.7.	1.7.1	19.9	20.8	21.5	22.0	22.0	22.0	22.1	22.0	22.4	22.1	22.3	22.1	22.1	22.0	22.4	22.1	22.2	22.1	22.1	22.2	22.3	22.4	22.3	22.3	22.4	22.2	22.2	22.4	22.6	22.2	22.3	22.2	22.3	22.3	22.2	21.9
113		5.71	707	22.1	23.1	23.8	24.5	24.4	24.5	24.5	24.6	25.1	24.7	25.1	24.8	24.9	24.7	25.2	24.9	24.9	24.9	24.9	25.0	25.1	25.2	25.2	25.2	25.3	25.2	25.1	25.4	25.6	25.1	25.3	25.2	25.2	22.2	22.3	21.9
T13		16.9	20.7	27.1	28.5	29.4	30.2	30.8	31.3	31.6	32.0	32.2	32.5	32.6	32.8	32.9	33.0	33.1	33.3	33.4	33.6	33.6	33.7	33.8	33.9	34.0	34.0	34.1	34.2	34.4	34.4	34.5	34.5	34.5	34.6	34.8	34.0	33.6	28.3
111		10.5	25.5	28.8	30.3	31.3	32.2	32.8	33.5	33.9	34.2	34.5	34.7	34.9	35.1	35.1	35.2	35.4	35.5	35.7	35.8	35.8	35.9	36.1	36.2	36.2	36.2	36.3	36.4	36.5	36.6	36.6	36.6	36.7	36.7	36.8	35.9	35.2	29.1
T.10	2	17.5	17.7	18.0	18.3	18.5	18.8	0.61	19.3	9.61	19.8	20.1	20.3	20.5	20.7	20.9	21.1	21.3	21.5	21.7	21.9	22.1	22.3	22.4	22.6	22.7	22.9	23.0	23.2	23.3	23.5	23.6	23.7	23.8	23.9	24.1	23.9	23.8	23.4
Lo	721	0.71	17.8	18.1	18.4	18.5	18.8	0.61	19.3	19.5	19.7	20.0	20.2	20.4	20.6	20.8	21.0	21.2	21.4	21.6	21.8	22.0	22.1	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.4	23.5	23.6	23.7	23.8	23.9	24.0	23.9	23.4
č	3 7 7	73.3	24.7	26.3	27.3	28.0	28.8	28.9	29.0	29.1	29.2	29.8	29.5	29.8	29.6	29.8	29.5	29.9	29.8	30.0	29.9	29.9	30.0	30.2	30.2	30.2	30.3	30.4	30.4	30.4	30.8	30.6	30.5	30.6	30.6	30.8	26.1	26.4	25.5
17	12.5	22.5	23.9	25.5	26.4	27.2	28.0	28.0	28.2	28.3	28.4	29.0	28.6	29.0	28.8	29.0	28.7	29.2	29.0	29.2	29.1	29.1	29.2	29.4	29.4	29.4	29.4	29.5	29.6	29.5	30.0	29.8	29.7	29.7	29.7	29.9	25.8	25.9	25.0
T6	771	73.8	25.2	26.7	27.8	28.5	29.3	29.4	29.5	29.6	29.8	30.4	30.0	30.5	30.1	30.4	30.1	30.5	30.3	30.6	30.5	30.5	30.6	30.8	30.8	30.8	30.8	31.0	31.0	30.9	31.4	31.2	31.1	31.2	31.2	31.3	26.3	26.7	25.6
TS	751	22.0	24.3	25.9	26.9	27.7	28.5	28.7	28.7	28.8	29.0	29.5	29.2	29.6	29.3	29.6	29.3	29.6	29.5	29.7	29.6	29.6	29.8	29.9	30.0	30.0	30.0	30.1	30.1	30.1	30.4	30.2	30.3	30.3	30.3	30.5	26.1	26.7	26.1
T.4	13.0	31.5	34.7	36.7	37.9	38.7	39.6	40.0	40.2	40.4	40.6	40.9	41.0	41.2	41.1	41.2	41.2	41.3	41.4	41.7	41.7	41.7	41.9	42.0	42.0	42.0	42.0	42.2	42.2	42.2	42.4	42.3	42.3	42.4	42.4	42.5	36.8	34.3	25.0
13	12.6	31.1	34.6	36.7	37.7	38.6	39.4	39.9	40.1	40.2	40.5	40.7	40.8	41.0	40.9	41.0	41.0	41.1	41.2	41.5	41.4	41.5	41.6	41.8	41.8	41.8	41.8	42.0	42.0	41.9	42.1	42.1	42.1	42.1	42.1	42.4	36.7	34.1	24.5
T2	14.7	32.2	35.1	37.1	38.1	39.0	39.8	40.3	40.4	40.6	40.8	41.1	41.1	41.4	41.3	41.4	41.4	41.5	41.6	41.9	41.8	41.9	42.0	42.1	42.2	42.1	42.1	42.3	42.4	42.3	47.5	42.4	42.4	42.5	42.5	42.7	36.7	35.6	27.2
I	14.2	31.0	34.1	36.2	37.3	38.2	39.0	39.5	39.6	39.8	40.1	40.4	40.4	40.6	40.6	40.7	40.7	40.8	40.9	41.2	41.1	41.2	41.3	41.5	41.5	41.5	41.5	41.6	41.7	41.6	41.8	41.7	41.7	41.8	41.8	42.0	36.3	35.2	26.8
Σ	0000	0.551	0.553	0.549	0.547	0.548	0.546	0.546	0.546	0.544	0.544	0.544	0.547	0.546	0.543	0.543	0.543	0.543	0.542	0.545	0.543	0.544	0.545	0.544	0.542	0.543	0.543	0.543	0.541	0.542	0.543	0.543	0.540	0.542	0.544	0.541	0.001	0.001	0.001
P (kPa)	48.40	43.32	43.72	44.36	44.78	45.02	45.40	45.63	45.82	46.10	46.30	46.51	46.65	46.88	47.07	47.28	47.44	47.63	47.83	47.98	48.20	48.32	48.51	48.70	48.90	49.04	49.34	49.53	60.65	20.08	50.30	50.58	58.85	51.02	51.20	51.52	59.00	59.30	61.16
H (kPa)	48.40	53.30	53.82	54.50	54.89	55.22	55.60	55.85	56.08	56.33	26.61	56.92	57.10	57.34	57.52	57.75	57.94	58.18	58.41	58.71	58.88	59.14	59.33	59.56	59.76	59.97	60.27	60.57	60.09	21.12	01.40	61.76	62.00	67.79	62.59	62.85	58.97	59.28	61.13
RPM	0	1100	1100	1100	0011	0011	001	0011	0011	0011	0011	0011	0011	001	0011	0011	0011	0011	0011	001	001	0011	0011	0011	001	0011	0011	0011	0011	0011	0011	0011	0011	0011	001	00 .	0	0	0
Time	9:40	9:45	9:50	9:55	00:01	50:01	01:01	10:15	07:01	10:25	10:30	10:35	10:40	10:45	00:01	10:55	00:11	CO:11	0:::	11:15	11:20	67:11	11:30	65:11	11:40	55.11	0031	55:11	13.06	13.10	01.21	61:71	07:71	\$7:71	12:30	12:35	12:40	12:45	13:45

Tdry (°F)	53.0	53.0	52.5	53.0	51.5	52.0	52.5	52.5	52.5	52.0	52.0	53.0	53.5	53.5	53.5		53.5	53.5		53.0		53.5		54.0		53.0		54.0			53.5	53.5		54.0	54.0	54.0	55.0	54.0	
Twet (°F)	20.0	49.5	49.0	49.0	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.5	20.0	50.0		50.0	50.0		50.0		50.5		50.5		50.0		51.0			50.0	50.5		51.0	52.0	52.0	52.0	52.0	
T14	0.61	0.61	9.61	20.3	21.1	21.7	21.8	22.2	22.2	22.1	21.9	22.5	22.1	22.3	22.5	21.9	22.0	21.9	22.3	22.5	22.2	22.3	22.1	22.3	22.2	22.1	22.5	22.2	22.1	22.5	22.5	22.1	22.6	22.5	22.2	22.1	22.1	22.2	21.9
T13	18.9	21.0	21.6	22.5	23.4	24.0	24.1	24.8	24.4	24.8	24.4	25.1	24.9	24.7	25.1	24.6	24.6	24.6	25.1	25.3	25.0	24.9	24.9	24.9	25.0	24.9	25.1	25.1	25.0	25.1	25.2	25.0	25.6	25.5	25.1	25.0	25.1	25.1	21.8
T12	21.1	22.2	24.7	27.2	29.0	29.9	30.7	31.3	31.7	32.0	32.2	32.5	32.6	32.7	33.0	33.4	33.6	33.6	33.6	33.7	34.0	33.9	34.0	34.0	34.1	34.2	34.2	34.2	33.9	34.0	33.9	33.9	34.6	34.7	34.8	34.8	34.9	34.9	33.8
TII	20.8	23.0	26.1	28.9	30.8	31.9	32.9	33.4	33.9	34.2	34.5	34.7	34.9	35.0	35.2	35.4	35.5	35.6	35.6	35.8	35.9	35.9	36.0	36.0	36.1	36.1	36.2	36.2	36.2	36.3	36.3	36.3	36.6	36.7	36.7	36.7	36.8	36.9	35.4
T10	21.7	21.6	21.6	21.7	21.8	21.8	21.9	22.0	22.1	22.3	22.3	22.5	22.6	22.7	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.6	23.7	23.8	23.8	23.9	24.0	24.1	24.2	24.3	24.4	24.4	24.5	24.6	24.7	24.7	24.8	24.9	24.8
1.9	21.6	21.5	21.5	21.6	21.7	21.7	21.9	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	24.0	24.1	24.2	24.3	24.4	24.4	24.5	24.6	24.7	24.7	24.8	24.9	24.9
1 8	17.4	24.2	25.5	26.6	27.5	28.2	28.8	29.0	28.9	29.4	29.2	29.4	29.7	29.3	29.4	29.4	29.4	29.5	29.9	29.9	30.1	29.9	29.9	29.9	30.2	30.1	30.0	30.3	30.3	30.3	30.2	30.2	30.5	30.5	30.5	30.3	30.5	30.5	26.0
17	16.1	23.5	24.7	25.8	26.7	27.4	27.9	28.2	28.0	28.6	28.3	28.6	28.9	28.4	28.6	28.6	28.6	28.7	29.1	29.0	29.3	29.0	29.0	29.0	29.5	29.2	29.2	29.4	29.4	29.4	29.4	29.4	29.7	29.7	29.6	29.5	29.7	29.6	25.7
1.6	17.5	24.8	26.0	27.1	28.1	28.8	29.3	29.6	29.4	30.0	29.7	29.9	30.3	29.8	30.0	30.0	30.0	30.1	30.5	30.4	30.7	30.4	30.4	30.5	30.9	30.7	30.6	30.8	30.8	30.8	30.8	30.8	31.1	31.1	31.1	30.9	31.1	31.0	26.2
TS	18.7	23.7	25.1	26.2	27.2	27.9	28.5	28.7	28.6	29.1	28.9	29.0	29.4	29.0	29.1	29.1	29.2	29.2	29.5	29.5	29.8	29.6	29.6	29.6	30.0	29.9	29.7	30.0	30.0	30.0	29.9	30.0	30.1	30.1	30.2	30.1	30.2	30.2	26.1
T4	15.6	29.3	35.2	37.1	38.2	39.1	39.9	40.1	40.4	40.7	40.8	40.8	41.1	40.9	41.0	41.1	41.2	41.3	41.4	41.5	41.7	41.7	41.7	41.7	41.9	41.9	41.8	42.0	42.1	42.2	42.1	42.1	42.1	42.2	42.3	42.1	42.4	42.3	35.3
T3	15	28.0	34.9	36.9	38.1	38.9	39.7	39.9	40.2	40.5	40.6	40.6	40.8	40.7	40.8	40.9	41.0	41.1	41.3	41.3	41.4	41.5	41.5	41.6	41.6	41.7	41.7	41.8	41.9	42.0	41.9	41.9	41.9	41.9	42.1	41.9	42.2	42.1	35.1
T2	17.3	29.8	35.6	37.4	38.5	39.3	40.1	40.3	40.6	40.9	41.0	41.0	41.2	41.1	41.3	41.2	41.4	41.4	41.6	41.6	41.8	41.8	41.8	41.9	42.0	42.1	42.0	42.2	42.3	42.3	42.2	42.2	42.2	42.3	42.4	42.2	42.5	42.5	35.4
Ξ	16.8	28.2	34.7	36.6	37.7	38.6	39.4	39.5	40.0	40.2	40.4	40.3	40.6	40.5	40.5	40.6	40.7	40.8	40.9	40.9	41.1	41.2	41.2	41.2	41.3	41.4	41.4	41.5	41.6	41.7	41.6	41.6	41.5	41.6	41.7	41.5	41.7	41.7	34.2
Σ	0 000	0.553	0.550	0.550	0.546	0.545	0.545	0.546	0.545	0.544	0.545	0.544	0.544	0.543	0.543	0.542	0.542	0.542	0.542	0.541	0.542	0.542	0.543	0.541	0.541	0.541	0.543	0.540	0.543	0.544	0.542	0.541	0.540	0.541	0.540	0.541	0.542	0.542	0.000
P (kPa)	48 33	42.85	43.30	43.62	44.10	44.34	44.66	44.89	45.08	45.36	45.55	45.75	46.02	46.17	46.41	46.60	46.79	46.97	47.22	47.42	47.66	47.75	47.95	48.20	48.43	48.55	48.72	49.00	49.08	49.27	49.50	49.67	49.90	50.02	50.25	50.40	50.59	50.75	58.28
H (kPa)	48 33	52.67	53.12	53.55	53.97	54.31	54.65	54.89	55.18	55.49	55.71	55.95	56.24	56.41	99.99	56.92	57.14	57.38	57.63	57.85	58.14	58.37	58.58	58.81	59.07	59.31	59.50	59.77	10'09	60.22	60.42	19.09	60.85	61.08	61.34	61.51	61.77	61.97	58.28
RPM	C	1107	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	0
Time	18.25	18:30	18:35	18:40	18:45	18:50	18:55	19:00	19:05	19:10	19:15	19:20	19:25	19:30	19:35	19:40	19:45	19:50	19:55	20:00	20:05	20:10	20:15	20:20	20:25	20:30	20:35	20:40	20:45	20:50	20:55	21:00	21:05	21:10	21:15	21:20	21:25	21:30	21:35

10/05/1994 NI MAX2

	d (1/s)	57.1	9.99	57.3	57.5	5.75	57.5	57.5	57.8	07.0	57.3	575	575	583	58.3	58.3	57.8	57.3	58.0	57.8	58.0	58.3	58.0	58.3	57.3	57.8	57.8	57.5	57.8	58.0	57.1	58.0	57.8	57.5	57.5	57.5	57.8	58.0	58.0	58.0	58.3	
(10)E.T.	(dry ('r)	55.5	55.0	55.0	23.0	2 22	0.00	0.95	0.00	0 95	0.00	0.95	9		56.0		56.0		57.5		58.0		57.5		58.0		58.0		57.0	57.0		57.0		57.0		57.0		57.5			58.0	
Turst (OE)	wet (~F)	51.0	52.0	52.0	C.1C	313	C.1.0	515		212		515	;		52.0		52.0		53.0		53.5		53.0		53.5		53.0		52.5	52.5		52.5		52.0		52.0		52.5			53.0	
T.7.	+11	7.81	18.	18.7	18.7	18.8	. « «	8	18.0	18.0	19.0	10.0	161	19.2	19.2	19.3	19.4	19.5	19.7	8.61	6.61	20.0	20.1	20.3	20.5	20.6	20.9	21.1	21.3	21.4	21.7	21.9	22.2	22.1	71.7	21.9	22.4	22.4	22.4	22.1	22.4	22.0
TI		18.6	18.7	18.7	0.00	0.0	18.0	19.0	161	10.7	19.3	103	19.4	19.5	19.7	8.61	19.9	20.1	20.4	20.5	20.7	20.9	21.1	21.4	21.6	21.9	22.2	22.5	22.8	23.1	23.5	23.8	24.2	24.2	73.9	24.4	24.9	25.0	25.3	25.0	22.5	22.0
T13	71.	8./1	1.0.1	2.8	18.7	10.0	19.3	19.4	9.61	8 61	20.0	203	20.4	20.6	20.9	21.1	21.4	21.8	22.2	22.5	22.8	23.1	23.4	23.8	24.1	24.6	25.2	25.7	26.3	26.6	27.3	27.8	28.4	28.9	5.67	29.6	30.3	31.0	31.6	32.1	34.9	31.0
		4.7	0./1	20.5	2 00	000	19.0	19.2	19.5	10.7	19.9	20.2	20.4	20.7	21.0	21.3	21.6	22.1	22.6	23.1	23.4	23.7	24.1	24.5	25.0	25.5	26.2	26.8	27.4	27.9	28.7	29.3	29.9	30.5	31.1	31.4	32.2	33.0	33.7	34.3	33.6	32.5
T.10		2.61	7.61	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.4	19.4	19.5	19.5	9.61	9.61	19.7	8.61	9.9	20.0	70.1	20.1	20.2	20.3	20.4	20.5	20.5	20.5
1.0		5.61	0.61	19.3	19.3	103	19.3	19.3	19,4	19.3	19.3	19.3	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.4	19.4	19.4	19.5	19.5	19.5	9.61	9.61	19.7	8.61	19.9	19.9	20.0	20.1	7.07	20.3	20.4	20.5	20.6	20.7	20.8	20.9
ž.		1.71	10.0	7.0	18.9	19.0	19.1	19.2	19.3	19.4	9.61	8.61	6.61	20.1	20.3	20.6	20.8	21.2	21.5	21.8	22.1	22.4	22.7	23.1	23.5	23.9	24.5	25.0	25.5	25.9	26.5	27.0	0.12	2.1.2	20.3	29.0	29.3	29.6	30.2	30.5	25.9	25.1
11	100	0.01	0.01	182	18.3	18.4	18.5	18.6	18.8	18.9	16.1	19.2	19.4	19.5	19.7	20.0	20.2	20.5	20.9	21.2	21.4	21.7	22.0	22.4	22.8	23.2	23.8	24.2	24.7	25.2	25.8	26.3	20.02	0.12	C.12	28.2	28.4	28.7	29.3	29.6	25.6	24.5
T 6	12.0	18.0	0.01	19.0	161	19.2	19.3	19.4	19.5	19.7	8.61	20.0	20.2	20.4	20.6	20.8	21.1	21.4	21.8	22.1	22.4	22.7	23.0	23.4	23.8	24.3	24.9	25.4	25.9	26.3	27.0	27.5	1.87	20.0	0.07	29.5	29.7	30.1	30.7	31.1	26.2	25.4
5	12.7	13.7	0.0	. 8	18.9	0.61	19.1	19.2	19.3	19.5	9.61	19.8	6.61	20.1	20.3	20.5	20.7	21.1	21.4	21.7	22.0	22.2	22.6	23.0	23.3	23.8	24.3	24.8	25.2	25.7	26.3	26.8	2.12	0.12	707	28.6	28.8	29.1	29.8	30.2	25.8	25.5
T4	711	17.4	100	19.4	19.9	20.3	20.6	20.9	21.3	21.7	22.0	22.5	22.8	23.3	23.6	24.2	24.7	25.4	25.9	56.6	27.1	27.7	28.3	29.0	29.7	30.5	31.5	32.2	33.0	33.7	34.9	35.6	37.4	10.7	3.0.0	39.0	39.7	40.7	41.6	42.4	36.8	32.2
T3	=	16.0	18.7	19.1	9.61	20.0	20.3	20.6	21.0	21.4	21.7	22.1	22.5	23.0	23.3	23.9	24.4	25.1	25.7	26.3	26.9	27.4	28.0	28.7	29.4	30.2	31.2	31.9	32.8	33.4	34.0	35.3	20.7	27.0		38.7	39.4	40.5	41.4	42.2	36.7	32.1
T2	14.7	18.4	10.7	19.6	20.1	20.4	20.8	21.1	21.4	21.8	22.2	22.6	23.0	23.4	23.8	24.3	24.8	25.6	26.1	26.8	27.3	27.8	28.5	29.2	29.9	30.7	31.4	32.4	33.2	33.9	35.1	33.8	17.7	38.4	1.00	2.68	39.9	40.9	41.8	42.7	36.4	. 33.5
I	11.7	14.2	0 91	17.6	17.3	16.5	17.2	19.5	19.2	19.7	21.1	21.0	21.4	21.6	21.3	23.4	24.1	24.8	25.4	26.0	26.7	27.2	27.8	28.5	29.2	30.0	30.7	31.7	32.5	33.2	54.3	35.1	36.0	37.6	200	38.4	39.1	40.1	41.1	41.9	36.0	33.2
Σ	0 00 0	0.180	0.189	0.200	0.208	0.219	0.230	0.238	0.248	0.258	0.268	0.277	0.289	0.298	0.307	0.317	0.327	0.336	0.346	0.357	0.366	0.376	0.386	0.396	0.405	0.415	0.425	0.433	0.444	0.451	0.403	0.472	0.490	0.501	0.50	0.510	0.520	0.530	0.537	0.549	0.000	0.000
P (kPa)	48.20	48.17	48.20	48.23	48.24	48.29	48.30	48.33	48.37	48.38	48.39	48.38	48.38	48.37	48.36	48.37	48.35	48.41	48.41	48.48	48.50	48.46	48.44	48.41	48.39	48.37	48.32	48.40	48.41	48.44	10.41	46.44	48.40	48.35	48.30	46.30	48.18	48.10	48.09	48.00	54.90	23.12
H (kPa)	48.20	49.26	49.41	49.58	49.72	49.92	50.10	50.27	50.47	50.67	50.85	51.03	51.24	51.43	51.62	51.83	52.04	52.35	52.62	16.75	53.17	53.40	53.65	13.91	24.19	24.46	24.77	55.10	55.44	27.75	56.39	56.70	57.03	57.35	17 17	10.15	50.90	58.24	58.60	58.95	54.40	22.12
RPM	0	400	420	440	460	480	200	270	240	260	280	009	620	640	099	080	00/	07/	740	700	08/	800	079	840	000	980	006	070	040	080	1000	1020	1040	1060	1080	0001	0011	0711	1140	99 -	0 ()
Time	14:05	14:10	14:12	14:15	14:17	14:20	14:23	14:25	14:28	14:30	14:34	14:36	14:38	14:41	14:44	14:40	14:48	14:52	14:55	14:37	15:02	15:04	15:07	15:09	15.12	15.14	15:17	02:01	16.54	15:20	15:33	15:34	15:37	15:40	15.42	24.61	15.44	15:46	15:49	15:52	66:61	10:00

	g (I/s)	57.5	57.8	57.8	58.0	57.5	28.0	57.5	58.3	57.5	57.5	58.3	57.5	57.8	57.8	58.3	58.0	58.0	87.8	57.3	87.8	58.0	57.8	57.5	58.0	58.0	57.1	58.3	58.5	58.0	58.0	58.7	58.0	40.9	43.2	55.8	57.8 57.1
	Tdry (°F)	54.5		52.0		52.5		53.0			53.5		54.0		54.0		54.5		54.5		55.0		55.0		57.0		57.0		56.0		57.0		57.0		57.0		28.0
	Twet (°F)	53.0		50.0		20.0		50.0			50.5		51.0		51.0		51.0		51.0		51.5		51.5		52.0		53.0		52.0		53.0		53.0		54.0		54.0
	T14	1.91	16.2	17.1	18.0	18.7	9.61	20.5	21.3	22.2	22.4	22.3	22.7	22.5	22.3	22.3	22.4	22.7	22.5	22.4	22.3	22.3	22.6	22.7	22.6	22.3	22.3	22.3	22.4	22.2	22.8	22.2	22.2	22.2	22.2	22.7	22.8 22.3
	T13	16.0	18.2	19.3	20.3	21.0	21.9	22.9	23.7	24.7	24.7	24.8	25.2	24.9	25.0	24.9	25.2	25.5	25.0	25.3	25.2	25.1	25.3	25.3	25.6	25.1	25.3	25.1	25.2	25.3	25.9	25.2	25.3	27.2	26.5	25.9	25.8 22.3
	T12	16.7	18.4	22.6	25.4	56.6	27.9	29.0	29.6	30.6	31.4	31.8	32.2	32.5	32.8	33.1	33.2	33.4	33.5	33.5	33.8	33.9	33.8	34.0	34.1	34.1	34.2	34.2	34.2	34.3	34.5	34.4	34.5	34.6	35.1	35.2	35.2 34.4
	TII	16.3	19.0	23.8	56.6	28.0	29.4	30.6	31.5	32.5	33.3	33.8	34.2	34.5	34.8	35.0	35.2	35.4	35.5	35.7	35.8	35.9	36.0	36.1	36.2	36.2	36.3	36.4	36.4	36.5	36.6	36.7	36.7	36.9	37.4	37.2	37.1 36.0
	T10	17.7	17.7	17.8	17.9	18.0	18.2	18.4	9.81	8.8	19.0	19.2	19.4	9.61	6.61	20.1	20.2	20.4	20.6	20.8	21.0	21.2	21.4	21.6	21.8	21.9	22.2	22.3	22.4	22.5	22.7	22.8	22.9	23.1	23.2	23.4	23.5
	T9	18.0	18.0	18.1	18.2	18.3	18.4	9.81	18.8	0.61	19.3	19.5	19.7	20.0	20.2	20.4	20.6	20.8	21.1	21.3	21.4	21.6	21.8	22.1	22.2	22.4	22.6	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.8	24.0 23.9
	1.8	8.01	21.5	23.3	24.5	25.2	26.1	27.2	28.0	28.9	29.0	29.3	29.5	29.5	29.8	29.7	30.0	30.0	59.9	30.3	30.3	30.1	30.1	30.2	30.6	30.2	30.5	30.4	30.3	30.6	30.6	30.5	30.5	31.9	32.1	31.0	31.0
	17	0.6	20.8	22.5	23.6	24.4	25.3	26.4	27.2	28.1	28.2	28.5	28.7	28.7	29.0	28.9	29.3	29.2	29.1	29.5	29.5	29.3	29.3	29.3	29.8	29.4	29.7	29.5	29.4	29.8	29.8	29.7	29.7	31.1	31.2	30.2	30.2 25.7
	1.0	0.11	22.0	23.7	24.9	25.7	56.6	27.7	28.5	29.4	29.5	29.8	30.0	30.1	30.4	30.3	30.6	30.6	30.5	30.9	30.9	30.7	30.7	30.7	31.2	30.9	31.1	30.9	30.9	31.3	31.2	31.2	31.1	32.5	32.7	31.6	31.6
	1.5	11.9	20.9	22.9	24.1	24.9	25.8	26.8	27.6	28.6	28.7	29.0	29.5	29.3	29.6	29.5	29.7	29.7	29.7	30.0	30.1	29.8	8.62	29.9	30.2	30.0	30.2	30.1	30.0	30.4	30.3	30.3	30.3	31.4	31.9	30.7	30.6 25.9
	T4	9.7	26.9	33.1	34.8	35.8	36.7	38.0	38.7	39.8	40.3	40.6	40.8	41.0	41.3	41.4	41.5	41.5	41.7	41.7	41.9	41.9	41.8	42.0	42.1	42.1	42.1	42.2	42.1	42.4	42.3	42.7	42.4	43.1	43.8	42.9	42.7
	T3	9.2	25.7	33.0	34.8	35.6	36.5	37.8	38.6	39.6	40.1	40.4	40.6	40.8	41.1	41.3	41.3	41.3	41.5	41.5	41.7	41.6	41.6	41.8	41.8	41.9	41.9	45.0	41.9	42.2	45.0	42.2	42.2	42.9	43.6	42.7	42.4 36.5
	T2	12.8	27.6	33.5	35.1	36.0	36.9	38.3	38.9	40.0	40.5	40.8	41.0	41.2	41.5	41.6	41.6	41.6	41.9	41.9	42.1	42.0	41.9	42.2	42.2	42.2	42.2	42.3	42.2	42.6	42.4	42.6	42.6	43.3	44.0	43.0	42.8 36.5
	Ξ	12.3	25.9	32.6	34.3	35.2	36.0	37.4	38.1	39.2	39.7	40.0	40.3	40.5	40.7	40.8	40.8	40.8	41.0	41.0	41.4	41.2	41.1	41.3	41.3	41.4	41.3	41.6	41.5	41.8	41.6	41.7	41.7	42.3	43.2	42.3	42.0 36.0
	Z	0.000	0.532	0.526	0.526	0.524	0.522	0.522	0.520	0.519	0.519	0.519	0.519	0.518	0.519	0.520	0.518	0.518	0.518	0.517	0.517	0.517	0.516	0.517	0.517	0.516	0.516	0.517	0.517	0.517	0.517	0.516	0.515	0.515	0.515	0.514	0.516
	P (kPa)	48.08	43.52	44.15	44.58	44.82	45.26	45.60	45.96	46.35	19.94	46.87	47.10	47.35	47.60	47.78	48.00	48.20	48.44	48.70	48.89	49.05	49.22	49.46	49.66	49.85	20.06	50.24	50.42	50.64	50.83	51.07	51.21	51.57	51.81	51.81	51.96 58.70
	H (kPa)	48.08	52.65	53.26	53.75	54.08	54.47	54.94	55.26	55.70	26.00	56.29	56.56	56.84	57.17	57.39	57.61	57.87	58.12	58.40	28.66	58.83	29.06	59.35	59.61	59.78	60.04	60.29	60.43	60.77	60.94	61.22	61.44	61.75	62.07	90.79	62.28 58.68
12/05/1994 N2 MAX1	RPM	0	1100	0011	1100	1100	1100	1100	1100	1100	0011	1100	1100	1100	1100	0011	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	0011	1100	100	1100	1100	1100	1100	1100	1100	1100	0 0
Date: Test:	Time	10:10	10:20	10:25	10:30	10:35	10:40	10:45	10:50	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30	11:35	11:40	11:45	11:50	11:55	12:00	12:05	12:10	12:15	12:20	12:25	12:30	12:35	12:40	12:45	12:50	12:55	13:00	13:05	13:10 13:15

(8/1)	600	50.0	0.00	58.5	583	58.5	58.7	583	59.0	50.0	58.5	58.5	58.7	58.5	58.3	58.3	58.5	58.3	58.0	57.5	57.5	57.5	57.1	57.5	59.0	57.8	58.5	58,3	58.3	59.0	59.0	58.3	58.7	58.7	57.8	59.0	58.7	58.5	58.7	
Tdrv (°F)	000	51.0	9 0 9	30.3	50.5) }		20.0	2	53.0	2	55.0		55.0	54.0		54.5		55.0		55.0		55.0		54.0		54.0		54.0		52.0		51.5		51.0		51.0	51.0		
Twet (°F)	70 0	48.0	10.0	40.0	48.0			47.0		48.0	2	47.0		48.5	49.0		49.0		49.0		49.0		49.0		49.0		49.0		49.0		48.0		47.0		47.0		47.0	47.0		
T.	7 81	18.6	0 0 1	19.7	20.4	21.0	21.8	21.7	21.9	21.9	22.4	22.4	21.9	21.9	22.3	22.2	21.9	22.1	22.4	22.0	21.9	22.5	22.4	22.1	22.4	21.9	22.4	22.3	21.9	21.9	21.9	22.4	22.1	21.9	22.5	21.9	21.9	21.9	22.2	21.7
T13	18 4	20.6	21.0	21.9	22.7	23.4	24.1	24.1	24.6	24.3	24.9	24.8	24.7	24.5	25.1	25.1	24.6	24.6	25.3	24.8	24.7	25.3	25.3	24.8	25.2	24.8	25.3	25.3	24.8	24.8	24.9	25.2	25.1	24.8	25.3	24.9	24.8	24.8	22.2	21.7
T12	216	23.2	24.9	27.3	28.9	30.1	31.0	31.8	32.2	32.6	32.9	33.1	33.2	33.4	33.5	33.6	33.8	33.8	34.0	34.0	34.1	34.1	34.2	34.2	34.2	34.4	34.5	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.8	34.9	34.8	34.7	33.2	32.3
TII	213	24.0	240	28.6	30.3	31.6	32.5	33.4	33.8	34.1	34.5	34.7	34.9	35.1	35.3	35.3	35.4	35.5	35.6	35.7	35.8	35.8	35.9	35.9	36.0	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.4	36.5	36.4	36.5	36.5	36.5	34.5	33.8
T10	222	22.1	22.0	22.0	22.1	22.1	22.2	22.3	22.3	22.4	22.5	22.6	22.7	22.8	22.9	22.9	23.0	23.1	23.2	23.3	23.4	23.4	23.5	23.6	23.7	23.8	23.9	23.9	24.0	24.1	24.1	24.2	24.3	24.4	24.4	24.5	24.5	24.6	24.5	24.5
13	1 66	21.9	210	21.9	22.0	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	23.9	24.0	24.1	24.2	24.3	24.3	24.4	24.5	24.6	24.6	24.7	24.8	24.8	24.9	24.9	24.8
1.8	16.0	24.3	0 70	26.0	26.8	27.6	28.4	28.7	29.0	28.9	29.1	29.2	29.5	29.3	29.7	29.8	29.6	29.4	29.9	29.9	29.6	29.8	30.1	29.6	29.8	30.1	30.1	30.4	30.1	30.1	30.3	30.1	30.5	30.3	30.3	30.4	30.3	30.2	24.2	25.3
17	14.4	23.5	24.1	25.2	26.0	8.92	27.6	27.9	28.2	28.0	28.4	28.4	28.7	28.5	28.9	29.0	28.8	28.6	29.1	29.1	28.8	29.0	29.3	28.8	29.0	29.2	29.4	29.6	29.2	29.5	29.4	29.2	29.7	29.5	29.4	29.6	29.5	29.4	24.0	24.8
T6	16.2	24.8	25.3	26.4	27.3	28.1	28.9	29.3	29.5	29.4	29.7	29.8	30.1	29.8	30.2	30.4	30.2	30.1	30.5	30.5	30.2	30.4	30.6	30.2	30.4	30.6	30.7	31.0	30.7	30.7	30.9	30.7	31.2	31.0	30.9	31.0	31.0	30.8	24.6	25.6
TS	17.2	23.8	24.5	25.6	26.5	27.3	28.1	28.6	28.6	28.6	28.7	28.9	29.2	29.0	29.3	29.4	29.4	29.5	29.5	29.7	29.3	29.5	29.7	29.3	29.5	29.8	29.8	30.0	29.8	29.8	30.0	29.7	30.2	30.1	29.9	30.2	30.1	29.9	24.5	25.6
T 4	14.3	31.4	34.4	36.4	37.5	38.5	39.4	40.1	40.1	40.4	40.5	40.7	40.9	41.1	41.1	41.2	41.3	41.2	41.4	41.6	41.4	41.4	41.5	41.4	41.6	41.9	41.7	41.8	41.9	41.9	42.0	41.8	42.1	42.2	41.8	42.2	42.2	42.0	32.8	31.2
T3	13.7	30.4	34.3	36.3	37.5	38.4	39.3	40.0	39.9	40.2	40.3	40.5	40.7	40.9	40.9	41.0	41.1	41.0	41.1	41.3	41.2	41.2	41.3	41.2	41.4	41.7	41.7	41.6	41.7	41.7	41.8	41.6	41.9	42.0	41.6	41.9	45.0	41.8	32.5	30.9
7.7	9.91	31.9	34.0	36.7	37.9	38.8	39.6	40.4	40.3	40.6	40.7	40.8	41.1	41.1	41.3	41.4	41.5	4.14	41.5	41.7	41.6	41.5	41.6	41.6	41.8	42.1	41.8	45.0	42.0	42.1	42.2	42.0	42.3	42.3	45.0	42.3	42.4	42.2	32.4	32.1
П	191	30.3	33.8	35.7	37.0	38.0	38.8	39.6	39.5	39.8	39.9	40.0	40.3	40.5	40.4	40.4	40.6	40.4	40.3	40.6	40.5	40.5	40.5	40.7	40.9	41.3	41.0	41.2	41.4	41.4	41.5	41.3	41.5	41.7	41.3	41.7	41.7	41.5	32.2	31.8
Σ	0.000	0.528	0.526	0.521	0.523	0.521	0.520	0.517	0.517	0.518	0.518	0.521	0.518	0.518	0.518	0.516	0.515	0.516	0.516	0.516	0.516	0.514	0.515	0.516	0.518	0.518	0.517	0.515	0.516	0.514	0.516	0.515	0.516	0.517	0.515	0.514	0.515	0.515	0.000	0.000
P (kPa)	17.88	43.05	43.55	44.00	44.31	99.44	44.99	45.37	45.57	45.77	46.00	46.12	46.44	46.64	46.89	47.11	47.30	47.50	47.70	47.93	48.05	48.32	48.52	48.69	48.77	49.03	49.24	49.46	49.66	49.86	50.04	20.16	50.40	50.58	50.74	50.96	51.15	51.30	57.78	58.05
II (kPa)	47.88	52.32	52.58	52.96	53.34	53.73	54.13	54.45	54.66	54.95	55.21	55.53	55.77	56.00	56.28	56.49	26.72	56.94	57.19	57.47	57.64	57.83	58.14	58.33	58.58	58.88	59.08	59.32	59.54	59.73	39.98	00.12	00.47	60.65	60.79	61.10	61.30	61.45	57.75	58.03
RPM	0	1100	100	1100	001	0011	0011	001	0011	1100	0011	0011	0011	0011	0011	0011	0011	0011	0011	001	001	0011	0011	0011	0011	0011	0011	0011	001	001	9011	001	0011	0011	001	00 :	0011	9601	o (0
Time	18:25	18:30	18:35	18:40	18:45	18:50	18:55	19:00	19:05	19:10	19:15	07:61	19:25	19:30	19:33	19:40	19:45	06:61	19:55	20:00	20:02	20:10	20:15	20:20	20:72	20:30	20:35	20:40	20:45	20.30	20:33	00.12	50:12	01:17	21:15	21:20	21:25	21:30	21:35	71:47

	q (1/s)		58.3	58.0	58.6	58.7	58.3	58.3	28.0	58.3	58.4	58.3	58.5	57.8	58.3	57.8	58.5	58.5	58.5	59.2	58.7	58.5	58.5	28.7	58.0	57.5	59.0	58.6	58.5	28.1	38.3	7.95	100	58.0	57.8	58.5	59.0	58.4	28.7	59.2
	Tdry (°F)		63.0	5.29		62.0		62.0		61.5		0.19	;	0.19		61.0		0.19		61.0		62.0		61.5		62.0		62.0	(0.29	000	0.70	0 02	0.20	0 69	05:0	62.0		62.0	61.5
	Twet (°F)		53.0	53.0		52.5		52.5		52.0		52.0		52.0		52.5		52.0		52.5		52.0		52.0		53.0		52.5		53.0	ç	27.3	3 (3	27.3	0 0	0.40	52.0		52.5	52.0
	T14	17.4	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.4	17.4	17.5	17.6	9'11	17.7	17.8	671	18.0	1.8	18.2	18.3	18.5	18.7	6.81	19.0	19.2	19.4	19.7	20.00	20.1	20.5	20.8	21.1	21.4	21.6	21.7
	T13	17.4	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.6	17.6	17.7	17.8	17.8	17.9	18.	18.2	18.3	18.4	9.81	18.8	18.9	1.61	19.3	19.5	8.61	20.0	20.3	20.6	20.9	7.17	0.12	6.1.2	2.77	22.0	23.4	23.8	24.2	24.5	21.7
	T12	18.2	18.3	18.4	18.5	18.7	18.8	18.9	19.0	19.1	19.3	19.4	19.5	19.7	6.61	20.1	20.3	50.6	20.7	21.0	21.3	21.7	22.0	22.3	22.8	23.2	23.6	24.0	24.5	24.9	47.07	6.67	26.04	20.9	0.00	28.8	29.3	29.9	30.4	29.8
	TII	17.9	18.0	18.7	18.3	18.5	18.7	8.8	18.9	16.1	19.2	19.4	19.5	19.7	20.0	20.2	20.5	20.8	21.0	21.3	21.7	22.1	22.5	22.9	23.3	23.9	24.3	24.8	25.4	25.9	5.0.5	1.12	0.17	28.0	20.7	30.3	31.1	31.8	32.4	31.2
	T10	19.2	1.61	19.1	16.1	19.1	19.1	1.61	19.2	16.1	16.1	1.61	1.61	161	19.1	19.1	16.1	1.61	16.1	1.61	1.61	1.61	1.61	19.2	19.2	19.2	19.2	19.3	19.3	19.4	6.61	19.5	0.61	1.61	10.0	20.0	20.1	20.3	20.3	20.2
	6.1.	19.2	19.1	101	19.1	19.1	16.1	16.1	16.1	16.1	161	161	16.1	161	161	1.61	161	16.1	19.1	1.61	1.61	19.1	1.61	1.61	19.2	19.2	19.2	19.3	19.3	19.4	19.4	19.5	19.3	19.0	10.0	19.0	20.0	20.1	20.2	20.2
	3.	13.8	17.2	17.5	17.6	17.7	17.8	17.8	17.9	18.0	 	18.2	18.3	18.5	18.7	18.9	19.2	19.4	9.61	6.61	20.2	20.5	20.8	21.1	21.5	21.9	22.3	22.8	23.3	23.8	24.3	24.9	47.4	6.C7	27.1	27.8	28.5	29.1	29.7	24.4
	17	12.2	16.8	17.1	17.1	17.2	17.3	17.4	17.4	17.5	17.6	17.7	17.8	18.0	18.2	18.4	18.6	18.8	0.61	19.3	9.61	6.61	20.1	20.5	20.8	21.3	21.7	22.1	22.6	23.0	23.5	24.1	0.4.0	1.62	1.63	26.0	27.6	28.2	28.8	23.6
	1.6	13.8	17.6	17.8	17.9	18.0	18.0	18.1	18.2	18.3	18.4	18.5	18.7	18.8	19.0	19.3	19.5	19.7	6'61	20.2	20.5	20.9	21.2	21.5	21.9	22.4	22.8	23.3	23.8	24.3	24.8	25.4	0.07	20.5	27.0	28.4	29.2	29.8	30.5	24.7
	TS	14.5	17.4	17.6	17.7	17.7	17.8	17.9	18.0	18.0	18.1	18.2	18.4	18.5	18.7	18.9	1.61	19.3	19.5	19.8	20.1	20.4	20.6	21.0	21.3	21.8	22.2	22.6	23.1	23.5	24.1	24.6	1.07	25.6	7.07	20.0	28.0	28.7	29.3	24.5
	T 4	14.4	17.4	18.0	19.3	19.7	20.0	20.2	20.5	20.7	21.0	21.3	21.7	22.0	22.4	22.9	23.4	23.8	24.2	24.8	25.4	26.0	26.5	27.2	27.8	28.7	29.3	30.1	31.0	31.7	32.6	33.5	4.40	35.2	20.1	38.1	39.2	40.3	41.2	32.5
	T3	13.7	16.7	18.4	18.9	19.3	9.61	8.61	20.1	20.3	20.7	21.0	21.3	21.6	22.1	22.5	23.0	23.5	23.9	24.4	25.0	25.7	26.2	8.97	27.5	28.4	29.0	29.8	30.7	31.4	32.3	33.2	34.1	34.9	33.0	37.0	38.9	40.0	41.0	32.4
	T2	16.4	18.	18.8	19.4	19.7	20.0	20.3	20.5	20.8	21.1	21.4	21.7	22.1	22.5	23.0	23.5	23.9	24.4	24.8	25.5	26.1	26.7	27.3	27.9	28.9	29.4	30.2	31.2	31.9	32.8	33.7	34.0	35.4	27.4	38.4	39.4	40.6	41.5	33.2
	Ξ	15.9	17.4	7.81	18.9	19.2	19.5	19.7	20.0	20.2	20.5	20.8	21.1	21.5	21.9	22.4	22.8	23.3	23.7	24.2	24.8	25.4	26.0	56.6	27.2	28.1	28.6	29.5	30.4	31.1	32.0	32.9	33.8	34.6	33.3	30.3	38.6	39.7	40.6	32.9
	Σ	0.000	0.164	0.173	0.190	0.200	0.200	0.217	0.226	0.236	0.244	0.253	0.263	0.272	0.281	0.288	0.296	0.307	0.316	0.323	0.333	0.342	0.351	0.360	0.367	0.377	0.387	0.394	0.403	0.411	0.418	0.429	0.437	0.444	0.452	0.462	0.476	0.484	0.492	0.000
	P (kPa)	48.12	47.82	47.88	47.92	47.96	48.00	48.04	48.06	48.06	48.08	48.06	48.07	48.04	48.07	48.07	48.08	48.09	48.08	48.06	48.10	48.08	48.10	48.08	48.10	48.12	48.14	48.13	48.17	48.20	48.21	48.22	18.71	48.27	46.20	48.20	48.32	48.36	48.36	53.77
	H (kPa)	48.12	48.73	48.88	49.14	49.31	49.48	49.65	49.81	46.64	50.10	50.25	50.41	50.55	50.75	50.94	51.13	51.33	51.50	51.68	16.18	52.15	52.36	52.60	52.81	53.11	53.32	53.60	53.86	54.13	54.41	54.71	54.98	55.24	23.31	18.66	56.45	56.77	57.08	53.76
13/05/1994 N3 INCR	RPM	0	400	420	460	480	200	520	540	260	580	009	620	640	099	089	700	720	740	160	780	800	820	840	098	880	006	920	940	096	086	0001	0701	1040	0901	1080	120	1140	0911	0
Date: Test:	Time	13:59	14:00	14:01	14:04	14:07	14:10	14:13	14:15	14:17	14:19	14:21	14:23	14:25	14:27	14:29	14:32	14:34	14:36	14:37	14:40	14:42	14:44	14:46	14:49	14:51	14:54	14:56	14:58	15:00	15:02	15:05	15:07	15:09	13:11	15:13	51.51	15:20	15:22	15:29

	q (I/s)	58.5	07.0	0.75	57.3	58.0	50.7	7.00.7	57.8	57.5	57.3	58.5	58.7	583	57.8	583	54 1	41.5	583	57.8	58.7	58.0	583	58.5	57.5	58.3	57.1	58.3	583	57.5	57.3	57.1	:
	rary (*F)	0 33	0.00	555		26.0	20.0	26.0	2.00	555	;	56.0		56.5		57.0			58.0		29.0	59.0	2	0.09		0.09		0.09		019	61.0	62.0	į
T. C.	wer (- E)	3 07	47.0	40 5	;	50.0		20.0		50.0		50.0		50.5		51.0			52.0		52.0	52.0		52.0		52.0		53.0		54.0	54.0	55.0	
1	114	0.01	17.7	17.9	18.7	19.4	20.0	20.7	21.3	22.1	22.0	22.3	22.3	22.2	21.9	22.3	21.8	21.9	22.2	22.1	21.9	22.1	22.0	21.9	22.0	22.1	22.6	22.5	22.0	21.9	22.3	21.8	21.7
T.13	631	18.1	19.4	20.2	21.1	21.9	22.5	23.2	23.8	24.6	24.5	24.8	25.1	24.7	24.8	24.9	24.8	26.3	24.9	24.9	24.9	25.0	24.8	24.7	24.9	25.1	25.5	25.3	25.0	24.9	25.4	22.1	21.8
7.13	711	10.7	24.0	25.9	27.2	28.2	29.0	29.7	30.3	31.0	31.5	31.9	32.3	32.4	32.7	32.8	32.9	33.3	33.5	33.3	33.3	33.5	33.6	33.6	33.7	33.7	33.9	34.0	34.2	34.2	34.2	33.0	32.5
1	17.3	20.5	25.2	27.2	28.6	29.7	30.6	31.4	32.1	32.8	33.3	33.7	34.1	34.2	34.5	34.6	34.8	35.2	35.3	35.2	35.3	35.3	35.5	35.5	35.6	35.7	35.8	35.8	35.9	35.9	35.9	34.7	34.1
TIO	2 2	- 0		18.3	18.4	18.6	8.8	19.0	19.3	9.61	8.61	20.0	20.3	20.5	20.7	20.9	21.2	21.4	21.6	21.8	21.9	22.1	22.2	22.4	22.6	22.7	22.9	23.0	23.1	23.2	23.3	23.2	23.1
To	18.5	183	18.4	18.5	18.7	18.8	19.0	19.2	19.5	19.7	6.61	20.1	20.4	20.6	20.8	21.0	21.2	21.4	21.6	21.8	22.0	22.1	22.3	22.4	22.5	22.7	22.9	23.0	23.1	23.2	23.3	23.3	23.3
Š.	12.8	21.7	23.5	24.3	25.3	26.1	26.8	27.4	28.1	28.9	28.9	29.1	29.5	29.1	29.3	29.3	29.4	30.7	29.8	29.7	29.7	30.0	29.8	29.7	30.0	30.2	30.2	30.1	30.1	30.1	30.4	25.6	26.0
Τ7	- 1	21.0	22.6	23.5	24.5	25.3	25.9	26.6	27.3	28.1	28.0	28.2	28.7	28.2	28.5	28.4	28.5	29.8	28.9	28.8	28.8	29.1	28.9	28.8	29.1	29.3	29.4	29.3	29.2	29.2	29.5	25.2	25.0
TG	12.9	22.3	24.0	24.9	25.9	26.7	27.4	28.1	28.8	29.6	29.6	29.7	30.2	29.8	30.0	30.0	30.1	31.4	30.4	30.4	30.4	30.7	30.5	30.4	30.7	30.9	31.0	30.9	30.9	30.8	31.1	26.0	26.3
1.5	14	21.3	23.1	24.0	24.9	25.7	26.4	27.1	27.8	28.6	28.6	28.8	29.5	28.7	29.0	29.0	29.1	30.3	29.5	29.4	29.4	29.7	29.5	29.4	29.7	29.9	29.9	29.8	29.9	29.8	30.1	25.7	26.2
T4	8	29.4	33.9	35.0	36.1	37.0	37.7	38.4	39.2	40.0	40.2	40.3	40.7	40.5	40.8	40.7	40.9	41.8	41.5	41.4	41.3	41.5	41.4	41.3	91.6	41.7	41.7	41.7	41.8	41.7	41.7	35.0	32.4
<u></u>	4.11	28.7	33.8	34.9	35.9	36.8	37.6	38.3	39.0	39.8	40.1	40.2	40.5	40.4	40.6	40.6	40.8	41.7	41.3	41.2	41.1	41.3	41.3	41.2	41.5	41.6	41.5	41.5	41.6	41.6	41.5	34.9	32.3
T2	13.6	30.1	34.2	35.3	36.4	37.2	38.0	38.7	39.4	40.2	40.5	40.5	40.9	40.7	41.0	40.9	4.1	42.1	41.6	41.6	41.5	41.7	41.6	41.5	8. 4	41.9	41.9	41.9	42.0	41.9	41.9	35.1	34.0
Ξ	12.2	28.4	33.1	34.2	35.3	36.3	37.0	37.8	38.5	39.3	39.6	39.7	40.0	39.9	40.1	40.1	40.3	41.1	40.7	40.6	40.5	40.6	9.04	40.6	40.8	40.9	40.8	8.0.8	41.0	40.8	40.7	34.2	33.0
X	0.000	0.473	0.471	0.470	0.469	0.469	0.468	0.470	0.468	0.467	0.465	0.467	0.465	0.465	0.465	0.465	0.465	0.465	0.465	0.465	0.465	0.467	0.464	0.464	0.405	0.403	0.464	0.467	0.464	0.465	0.463	0.00	0.001
P (kPa)	47.42	44.02	44.64	45.05	45.41	47.76	46.04	46.40	46.66	47.03	47.26	47.48	47.74	47.92	48.18	48.37	48.60	48.93	49.07	49.22	49.43	49.63	49.81	50.02	50.72	50.43	20.05	50.75	01.00	51.11	51.35	56.51	56.62
II (kPa)	47.42	51.44	52.03	52.43	52.84	53.21	53.53	53.90	54.24	54.60	54.85	55.10	33.41	25.60	25.87	56.09	56.35	56.73	26.87	57.12	57.32	57.59	57.75	57.96	20.22	50.40	28.70	26.92	39.11	59.32	59.50	56.48	26.60
RPM	0	1100	00 :	00 :	001	90 :	001	1102	001	201	00 :	0011	0011	001	0011	0011	0011	00 :	001	001	001	001	90 5	001	201	0011	001	001	0011	001	<u> </u>	0 0	O
Time	10:05	10:15	10:20	10:25	10:30	10:35	10:40	10:45	10:50	55:01	00:11	11:05	21:10	55.11	07:11	57.11	11:30	55.11	11:40	11:45	00011	13.66	12:00	12:10	12:10	12:20	07:71	13:20	12.30	12:35	12:39	12.45	06:21

17/05/1994 N3 MAX1

d (1/s)	57.5	57.5	58.0	58.7	57.8	57.8	58.3	59.2	58.3	58.5	57.8	58.7	57.5	57.3	57.3	58.3	57.3	57.5	57.8	57.8	57.5	58.7	58.5	57.3	57.5	57.5	57.8	57.5	57.5	57.8	57.3	57.3	57.5
Tdry (°F)	0.09		0.09			0.09		59.5		59.5		0.09		59.5			59.5	59.0		59.0		59.0		58.5		58.0		58.0		58.5		58.0	
Twet (°F)	54.5		55.0			55.0		54.5		55.0		55.0		54.5			55.0	54.0		53.5		53.0		52.5		52.5		52.0		52.0		52.0	
T14	18.3	18.3	19.3	20.2	21.0	21.8	21.9	22.4	22.3	22.5	22.0	22.0	22.4	22.2	22.1	21.9	22.0	21.8	22.2	22.5	22.0	22.5	22.0	22.0	22.4	21.9	22.0	22.0	22.1	22.2	22.1	22.3	22.3
T13	18.4	20.4	21.6	22.5	23.4	24.1	24.4	24.7	24.9	24.9	24.6	24.6	25.1	25.0	24.7	24.7	24.8	24.7	25.1	25.4	24.8	25.2	24.8	24.7	25.4	24.9	24.8	24.9	25.1	25.1	25.1	25.3	22.3
T12	13.3	19.3	24.1	26.5	28.0	29.2	30.1	30.7	31.2	31.7	31.9	32.1	32.3	32.5	32.7	32.9	33.0	33.2	33.2	33.3	33.4	33.4	33.4	33.6	33.7	33.9	33.9	34.0	34.0	34.1	34.2	34.3	33.5
ΤΞ	16.9	19.9	25.6	28.0	29.6	30.9	31.9	32.6	33.1	33.6	33.8	34.1	34.3	34.4	34.6	34.8	34.9	35.0	35.1	35.2	35.2	35.3	35.4	35.4	35.6	35.7	35.6	35.7	35.8	35.9	36.0	36.1	34.9
T10	17.9	18.0	18.2	18.4	18.7	18.9	19.2	19.5	19.7	20.0	20.2	20.4	20.6	20.9	21.1	21.2	21.4	21.6	21.8	22.0	22.1	22.3	22.4	22.6	22.7	22.8	23.0	23.1	23.2	23.3	23.4	23.6	23.4
L 0	18.2	18.2	18.4	18.6	8.8	19.0	19.3	19.5	19.7	20.0	20.2	20.4	20.6	20.8	21.0	21.2	21.3	21.5	21.7	21.9	22.0	22.2	22.3	22.5	22.6	22.8	22.9	23.0	23.1	23.2	23.4	23.5	23.4
1.8	13.1	23.3	25.4	26.4	27.4	28.2	28.8	28.9	29.4	29.2	29.2	29.3	29.5	29.7	29.4	29.5	29.6	29.5	29.9	29.9	29.8	29.9	8.62	29.8	30.4	30.0	29.9	30.0	30.3	30.3	30.3	30.5	25.9
L 17	11.5	22.6	24.6	25.6	26.6	27.4	28.0	28.0	28.6	28.3	28.4	28.4	28.7	28.9	28.5	28.6	28.7	28.7	29.1	29.1	28.9	29.0	28.9	58.9	29.5	29.2	29.0	29.2	29.5	29.4	29.6	29.6	25.4
9.L	13.2	23.9	26.0	27.0	28.0	28.8	29.5	29.5	30.1	29.9	29.9	30.0	30.6	30.4	30.1	30.2	30.3	30.3	30.7	30.7	30.5	30.6	30.5	30.5	31.2	30.8	30.7	30.8	31.1	31.1	31.1	31.2	26.3
1.5	14.0	22.8	25.0	26.1	27.0	27.9	28.6	28.6	29.1	28.9	28.9	29.0	29.2	29.5	29.1	29.7	29.3	29.3	29.7	29.6	29.5	29.5	29.5	29.5	30.1	29.8	29.6	29.7	30.1	30.0	30.0	30.2	26.1
Ţ4	13.0	27.8	35.5	36.9	38.0	38.9	39.8	40.0	40.5	40.6	40.7	40.8	40.8	41.1	41.0	41.1	41.2	41.2	41.4	41.4	41.5	41.4	41.5	41.6	41.9	41.8	41.7	41.7	41.9	42.0	42.0	42.1	35.3
T3	12.5	26.4	35.4	36.8	37.9	38.8	39.7	39.9	40.3	40.5	40.5	40.7	40.6	40.9	40.8	40.9	41.1	41.1	41.2	41.2	41.3	41.2	41.3	41.4	41.7	41.6	41.5	41.6	41.7	41.8	41.9	41.9	35.1
T2	15.1	28.0	35.8	37.3	38.2	39.2	40.1	40.2	40.7	40.8	40.9	41.0	41.0	41.3	41.2	41.3	41.4	41.4	41.6	41.5	41.6	41.5	41.6	41.8	42.1	42.0	41.8	41.9	42.1	42.1	42.2	42.3	35.5
I	14.0	25.7	34.5	36.0	37.0	38.3	39.1	39.3	39.7	39.9	40.0	40.2	40.2	40.5	40.3	40.4	40.6	40.5	40.6	40.6	40.7	40.1	40.2	40.3	40.9	40.5	40.4	40.5	40.4	39.9	40.0	40.2	32.9
Σ	0.000	0.473	0.471	0.471	0.469	0.467	0.467	0.467	0.467	0.466	0.465	0.466	0.465	0.465	0.464	0.464	0.464	0.465	0.465	0.465	0.466	0.464	0.466	0.465	0.465	0.466	0.464	0.464	0.463	0.462	0.463	0.463	0.000
P (kPa)	47.67	44.26	44.97	45.39	45.78	46.16	46.50	46.74	47.00	47.26	47.45	47.68	47.93	48.17	48.33	48.56	48.77	48.94	49.18	49.38	49.53	49.75	49.95	50.16	50.38	50.59	50.74	\$0.96	51.22	51.40	51.58	51.79	56.99
H (kPa)	47.67	51.59	52.38	52.81	53.23	53.61	53.99	54.24	54.56	54.81	55.05	55.31	55.58	55.85	56.04	56.28	56.54	56.77	57.05	57.25	57.48	89.75	57.89	58.16	58.43	58.66	58.83	59.05	59.30	59.54	59.72	86.65	96.99
RPM	0	101	101	1100	1099	1099	1098	1100	1100	1099	8601	8601	1098	1099	1097	1100	9601	1099	8601	1097	1098	1096	1095	1100	1100	1102	1102	1096	1095	1099	1095	1098	0
Time	18:35	18:40	18:45	18:50	18:55	19:00	19:05	19:10	19:15	19:20	19:25	19:30	19:35	19:40	19:45	19:50	19:55	20:00	20:05	20:10	20:15	20:20	20:25	20:30	20:35	20:40	20:45	20:50	20:55	21:00	21:05	21:10	21:15

16/05/1994 N3 MAX2

A.6 Sound Level Data

Test Date:

9 May 1994

Test:

N1 INCR

Notes:

1. All sound data is measured in dBa.

2. RPM = 580: Machinery running nearby, when it ceased readings were Peak 66, Slow 53.

3. RPM = 940: Cars leaving the site.

			L	ocation on	AMRL Sit	e		
RPM		1	2		3	3	4	
101111	Peak	Slow	Peak	Slow	Peak	Slow	Peak	Slow
0	72	54	72	59	72	60	72	60
400	79	52	<i>7</i> 3	60	70	59	71	55
420	76	53						
440			72	52				
460					72	61		
480							65	55
500	68	57						
520			73	62				
540		İ			81	68		
560			1				77	65
580	85	<i>7</i> 5		1				
600			<i>7</i> 5	61				
620					74	60		
640							66	55
660	71	60						
680		1	72	60				
700					72	60	60	==
720							69	55
74 0	<i>7</i> 5	57						
760			73	60		1	70	57
780					72	62	70	5/
840	75	58						
860		1	68	55				
900					70	58	70	57
920							/0	37
940	80	65	1					
960			67	54	774	59		
980	1				71) 29	74	58
1000							/=	30
1020	79	64		(2)				1
1040			75	63	71	59		
1080					/1	35	74	62
1100		-					/ -	52
1120	79	66	40	55				
1140			68	33	72	62		
1160	70	57	67	55	70	57	74	57
0	70	3/			1 70	1		1

DSTO-TN-0150

Test Date:

10 May 1994

Test:

N1 MAX1 (Day test)

Notes:

1. All sound data is measured in dBa.

2. Outside building 13: Peak 98, Slow 86; inside control room: Peak 101, Slow 90.

			I	ocation on	AMRL Si	te		
RPM		I	:	2		3	4	4
101111	Peak	Slow	Peak	Slow	Peak	Slow	Peak	Slow
0	72	64	74	55	74	58	69	55
1100	78	58	67	55	80	65	80	62
1100	73	61	72	60	71	59	71	57
	73 72	64	68	55	70	57	70	58
1100 1100	72 71	59	68	56	69	56	72	56

Test Date:

10 May 1994

Test:

N1 MAX2 (Night test)

Notes:

1. All sound data is measured in dBa.

			I	ocation on	AMRL Sit	:e		
RPM		1	:	2		3	4	
	Peak	Slow	Peak	Slow	Peak	Slow	Peak	Slow
0	65	55	72	62	67	52	65	53
1100	72	61	73	62	72	61	73	59
1100	72	61	74	62	<i>7</i> 5	57	76	59
1100	72	58	73	61	69	58	70	55
1100	71	55	72	60	70	58	69	58
1100	68	54	72	61	69	56	<i>7</i> 1	58
1100	71	57	72	61	70	58	69	55
1100	68	55	72	59	68	55	71	56
1100	70	57	72	61	68	56	71	58
1100	69	56	68	55	67	54	69	56
1100	71	58	68	56	67	54	68	57
1100	70	58	68	55	73	58	71	59
0	64	50	69	55	68	54	68	53

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Yoel Link and Howard Quick

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19. ABSTRACT						m1	11					
A detailed test progr	amm	e of the AMRL T	ransonic W	ind Tunnel	l was conducted.	The c	objective of the test					
programme was to	letern	nine the pressure	distribution	ons around	the tunnel circui	t with	larger nozzie exit					
areas. The existing	high	speed contraction	n, test sec	tion, mode	i support mecha	nism,	d installed in place					
diffuser were removed of the removed com	ed for	r the tests. A var	able nozzi	e and coned	cing the nozzle	exit :	area. Three nozzle					
of the removed configurations were	npone	ents to deternment	e the effec	% and 58.1	% increase in are	a rela	tive to the existing					
tost section area M	HIVES	ements were ma	de of statio	pressure	around the tunn	el cir	cuit, total pressure					
upstream and dov	est section area. Measurements were made of static pressure around the tunnel circuit, total pressure apstream and downstream from the compressor, and temperatures at various locations. Noise											

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measurements were also made outside the tunnel complex and at four locations around the boundary of

the site to determine the noise level of the wind tunnel.